

**Brian Sandoval**  
*Governor*



**Richard Whitley**  
*Director*

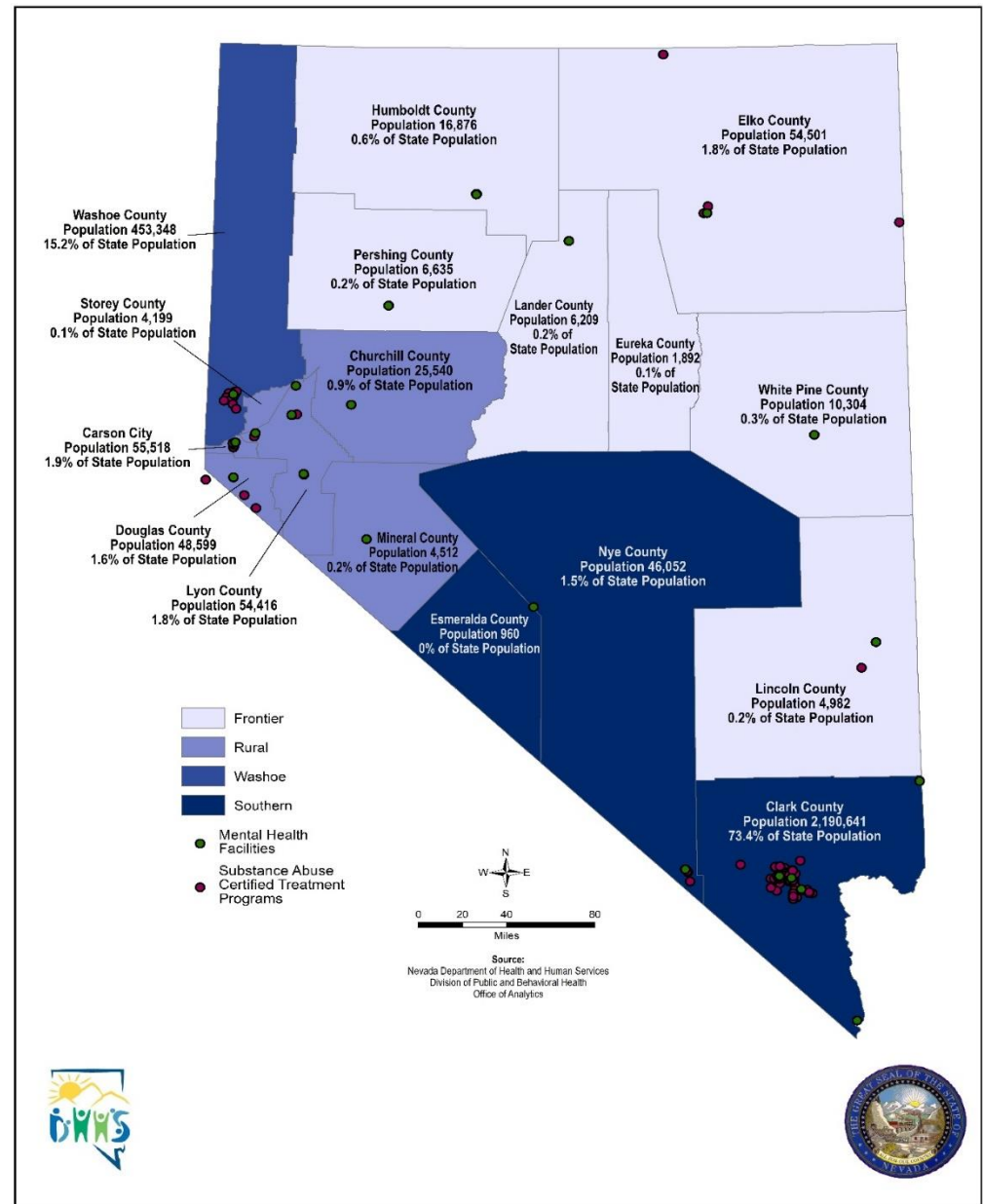
State of Nevada  
**Department of Health and Human Services**  
*Office of Analytics*

*2017 Behavioral Health Profile*

James Kuzhippala, MPH

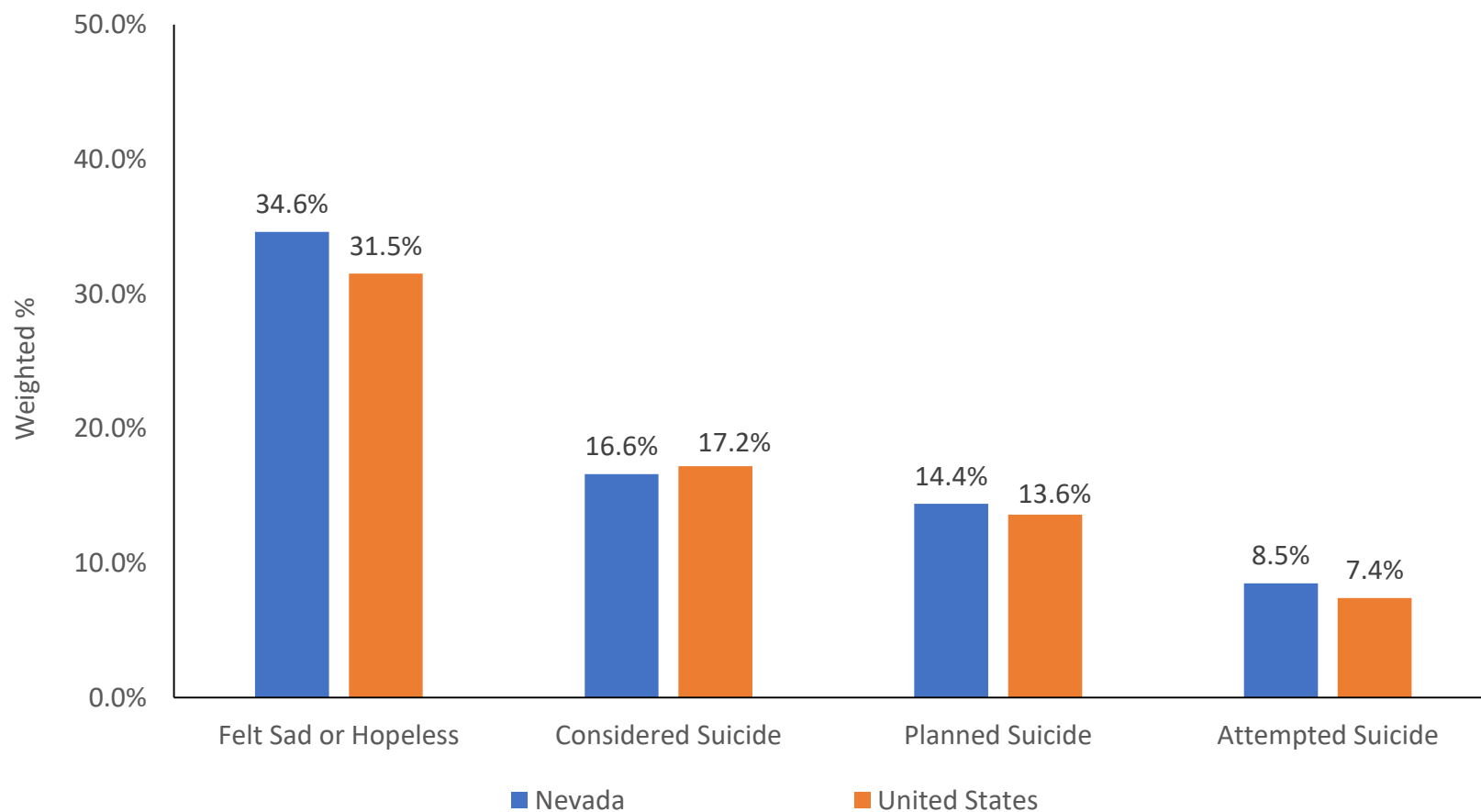


# Nevada Population, State Mental Health Facilities, and Certified Substance Abuse Treatment Centers by Behavioral Health Region



Source: Nevada State Demographer, Vintage 2017; **Frontier:** Elko, Eureka, Humboldt, Lander, Lincoln, Pershing, and White Pine;  
**Rural Nevada:** Carson City, Churchill, Douglas, Lyon, Mineral and Storey; **Southern Nevada:** Clark, Esmeralda, and Nye.

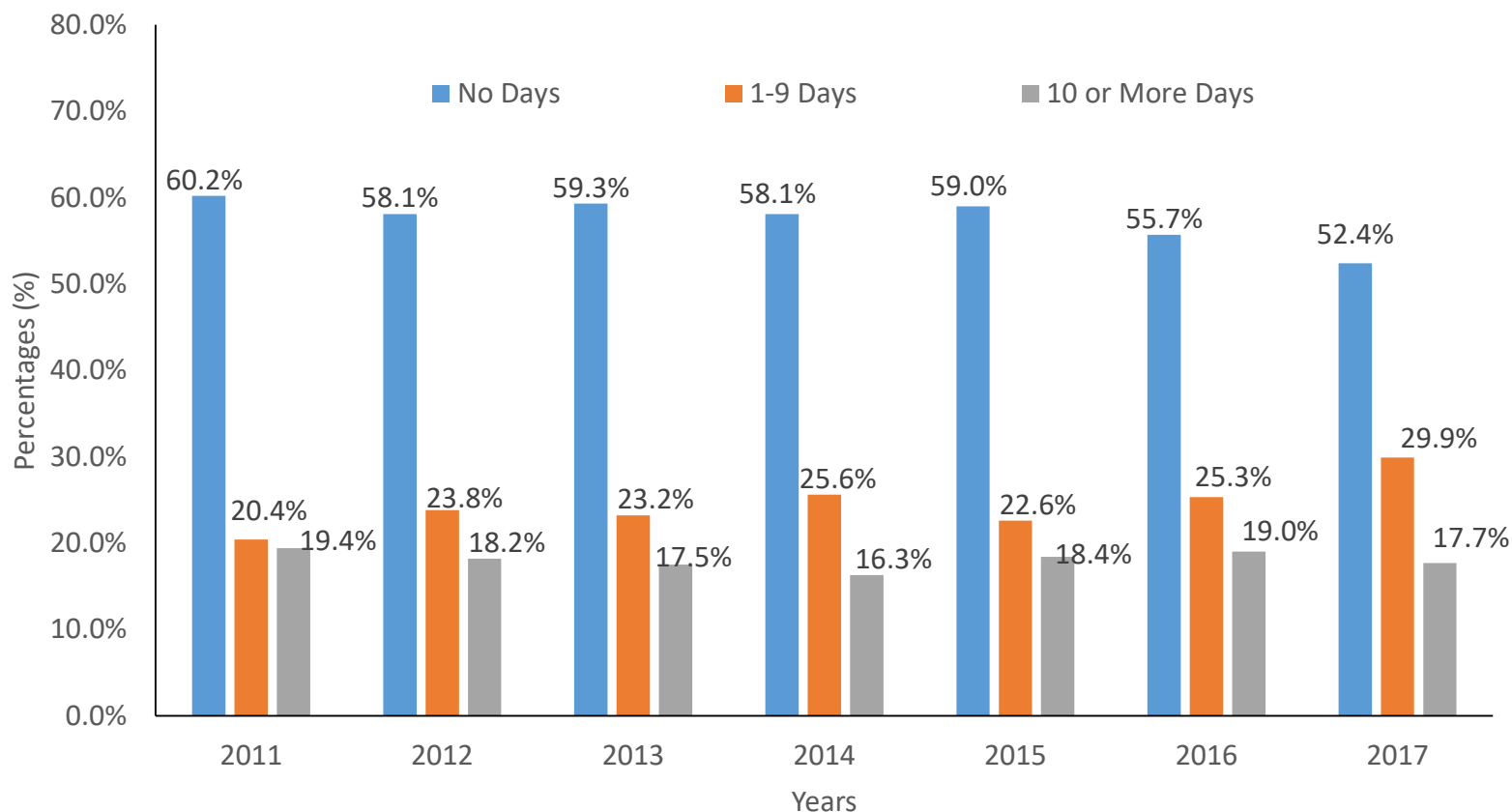
## Emotional Health Summary, Nevada High School Students, YRBS, 2017



Source: Nevada Youth Risk Behavior Survey (YRBS).

Chart scaled to 50% to display differences among groups

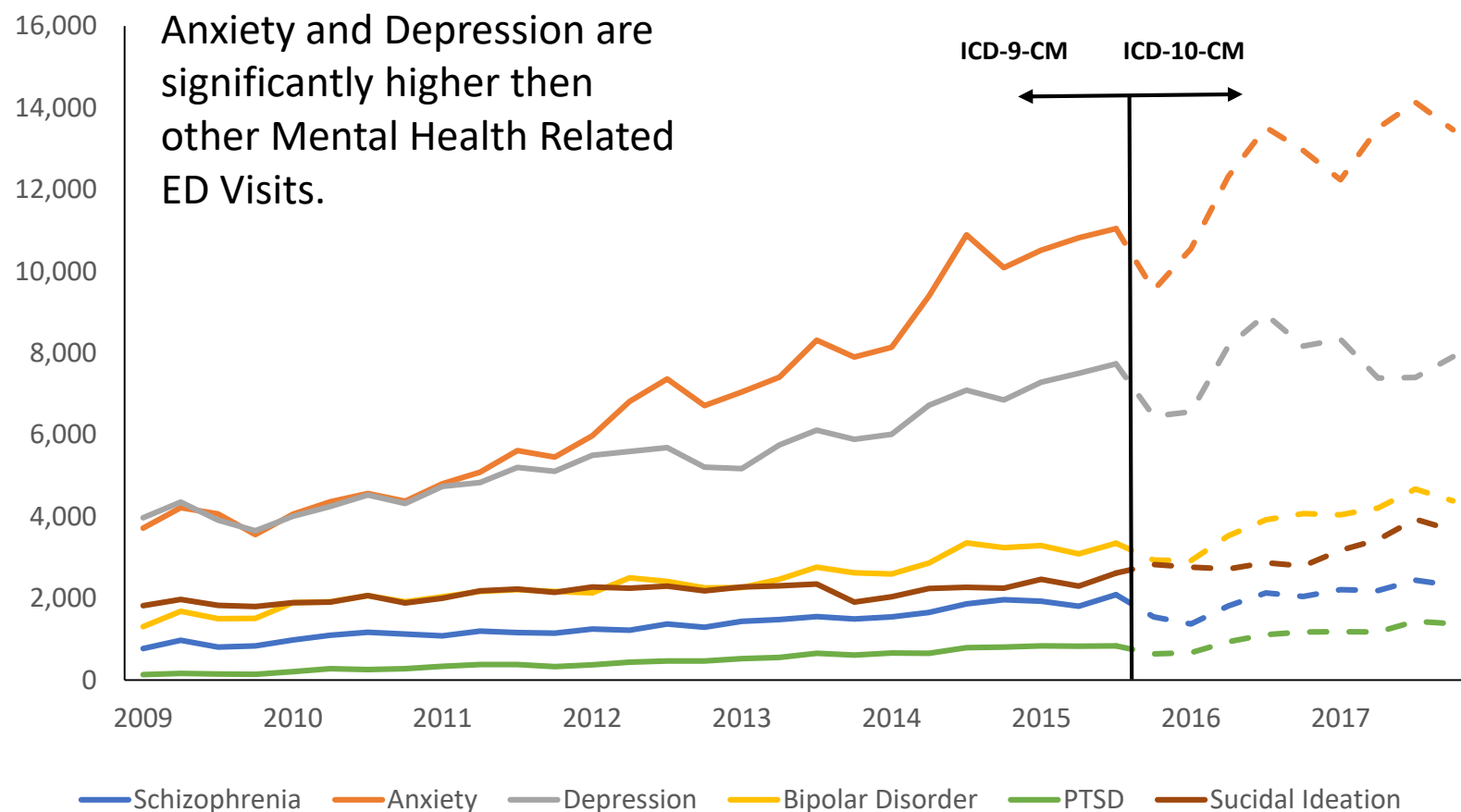
## Percentages of Adult Residents Who Experienced Poor Mental or Physical Health that Prevented them from Doing Usual Activities, BRFSS, 2011-2017



Source: Behavioral Risk Factor Surveillance System (BRFSS).

Chart scaled to 80% to display differences among groups

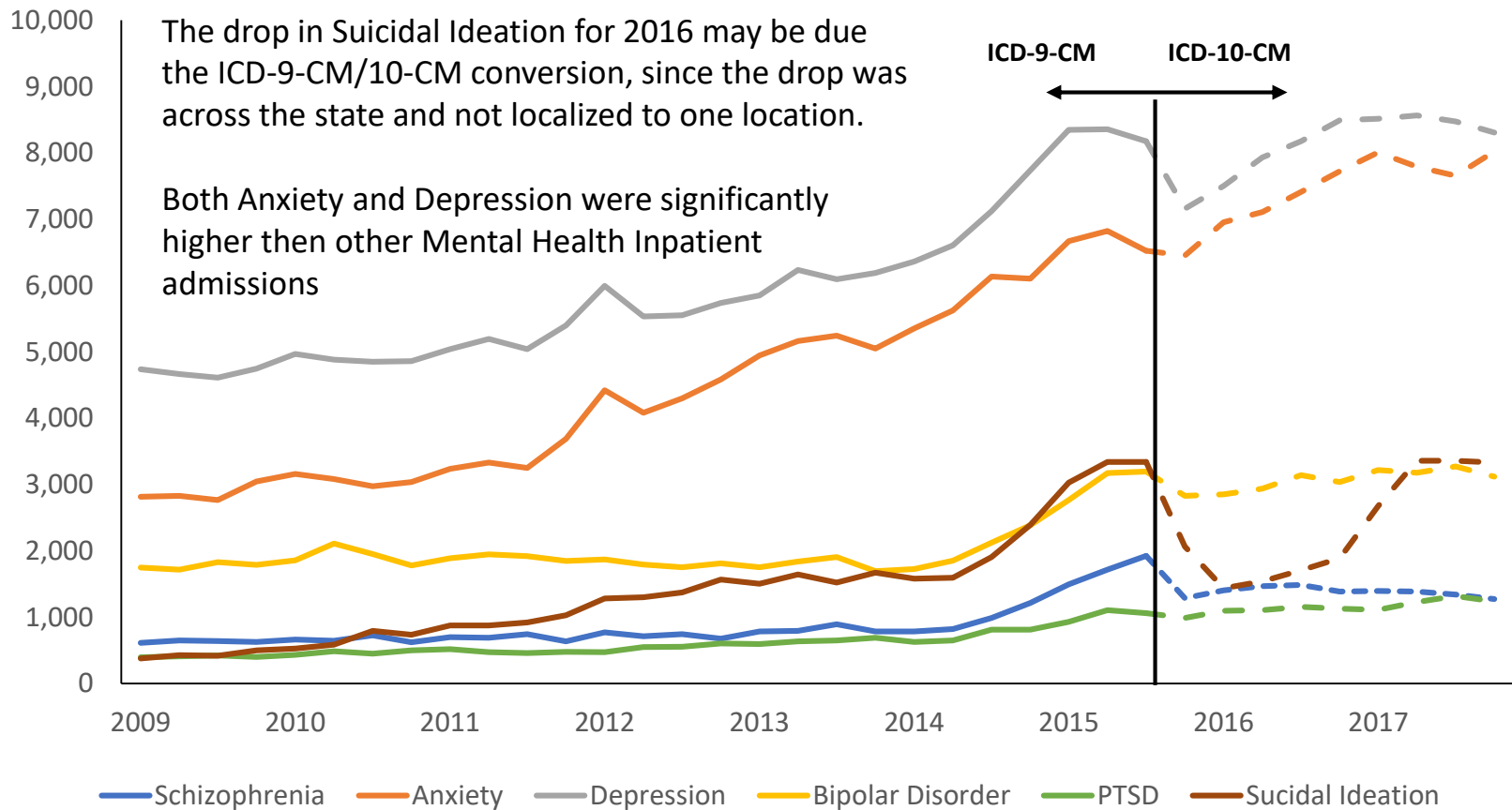
# Mental Health Related Emergency Department Encounters, by Quarter and Year, 2009-2017



Source: Hospital Emergency Department Billing.

ICD-10 codes replaced ICD-9 codes in last quarter of 2015, therefore data prior to that may not be directly comparable.

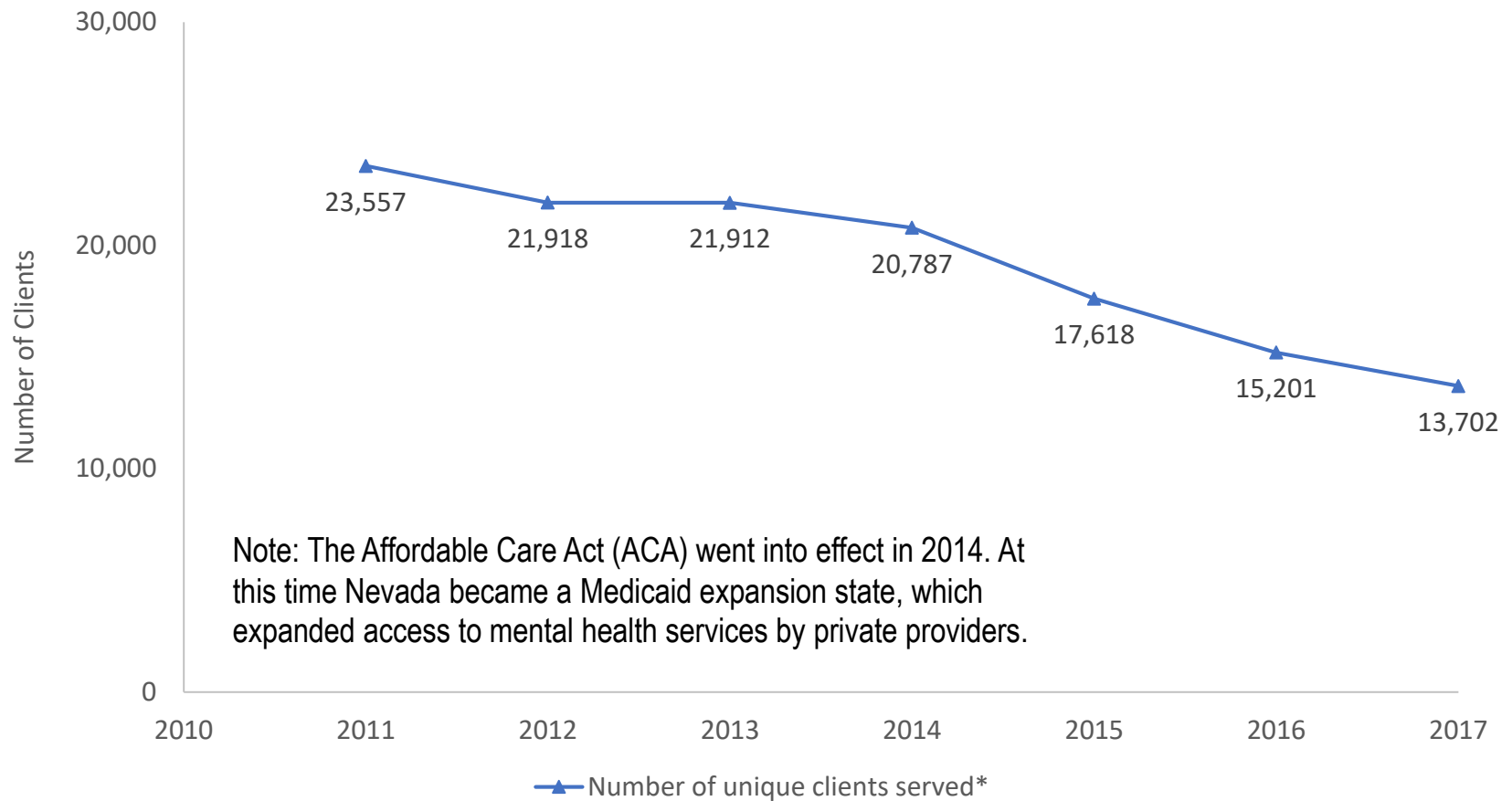
# Mental Health Related Inpatient Admissions, by Quarter and Year, 2009-2017



Source: Hospital Inpatient Billing.

ICD-10 codes replaced ICD-9 codes in last quarter of 2015, therefore data prior to that may not be directly comparable.

## State Mental Health Clinics by Number of Unique Clients Served, 2011-2017

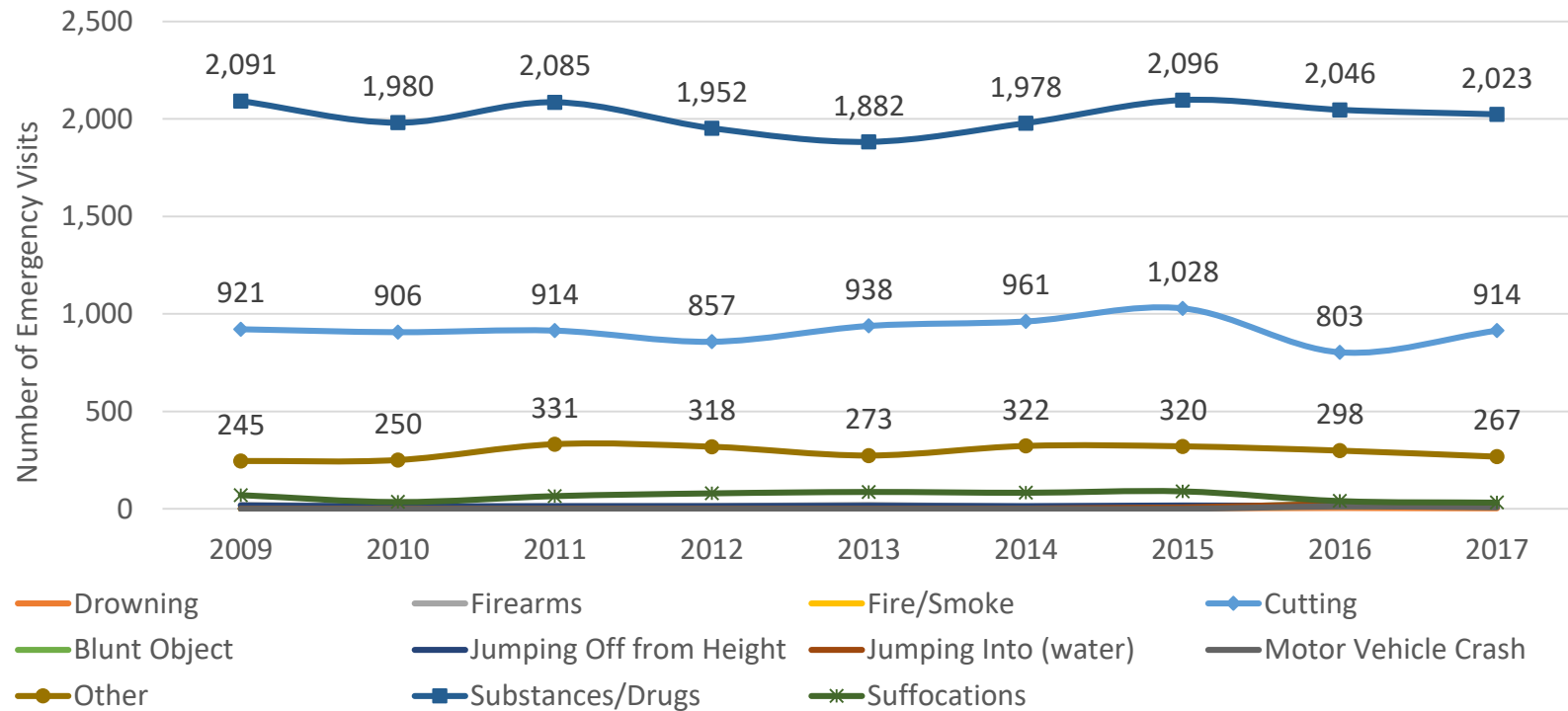


Source: Avatar.

\*Patient counts were de-duplicated; a client is counted once per year.

# Suicide Attempts, Emergency Department Encounters by Method, Nevada Residents, 2009-2017

Substance and Drug Related suicide attempts was significantly higher than other methods of suicide.

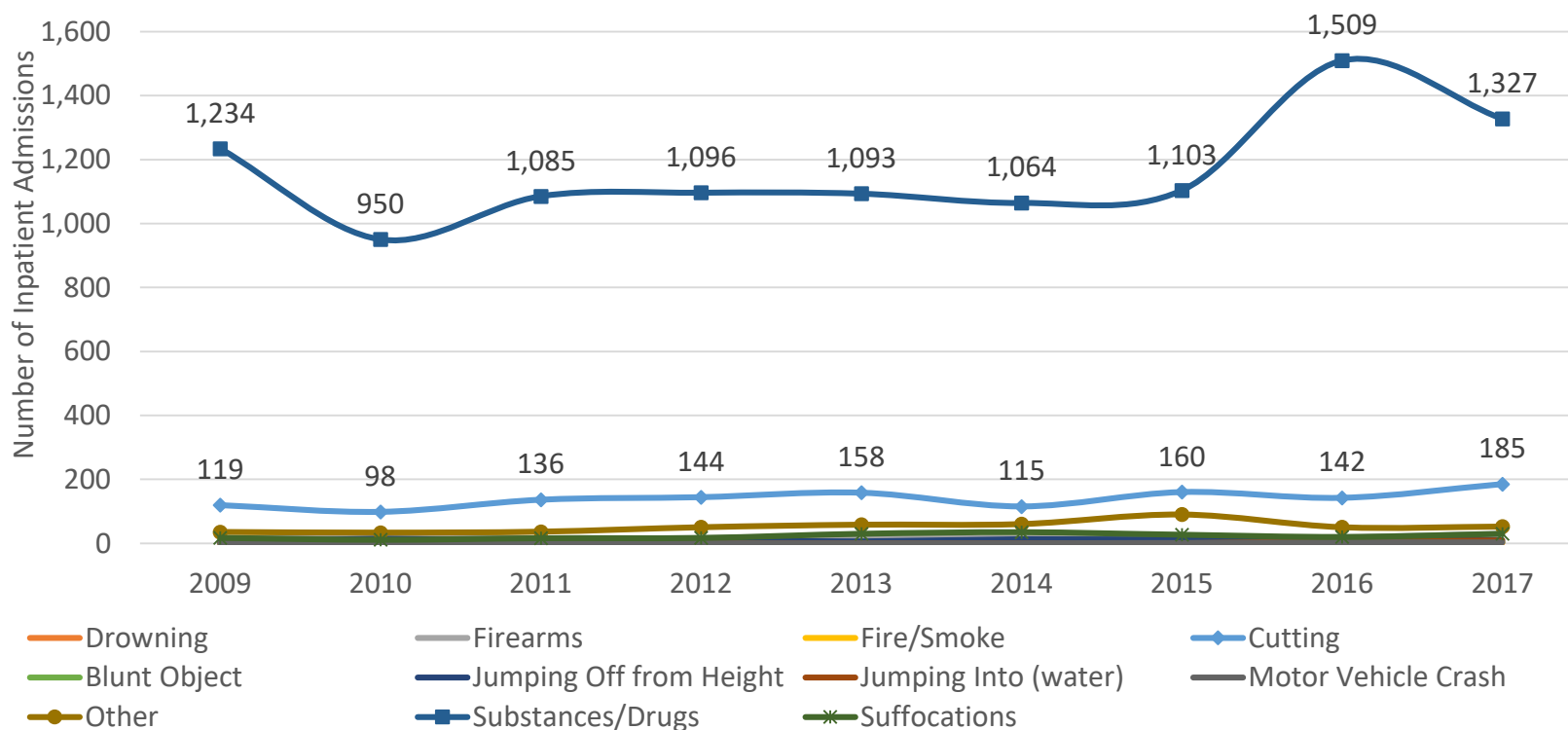


Source: Hospital Emergency Room Billing.  
 ICD-10 codes replaced ICD-9 codes in last quarter of 2015, therefore data prior to that may not be directly comparable.  
 A person can be included in more than category and therefore the counts above are not mutually exclusive.



# Suicide Attempts, Inpatient Admissions by Method, Nevada Residents, 2009-2017

Substance and Drug Related suicide attempts was significantly higher than other methods of suicide.



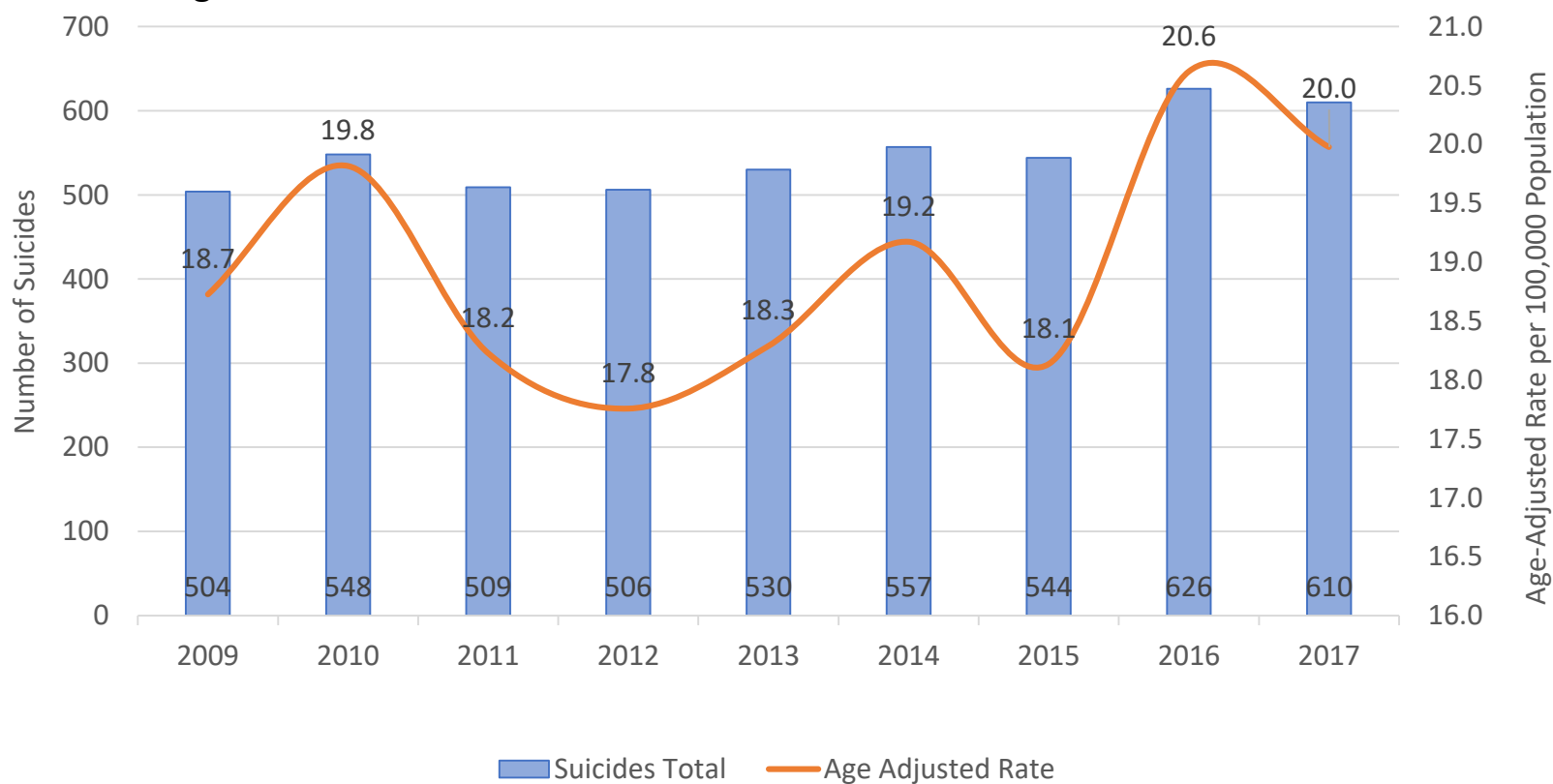
Source: Hospital Inpatient Billing.

ICD-10 codes replaced ICD-9 codes in last quarter of 2015, therefore data prior to that may not be directly comparable.

A person can be included in more than category and therefore the counts above are not mutually exclusive.

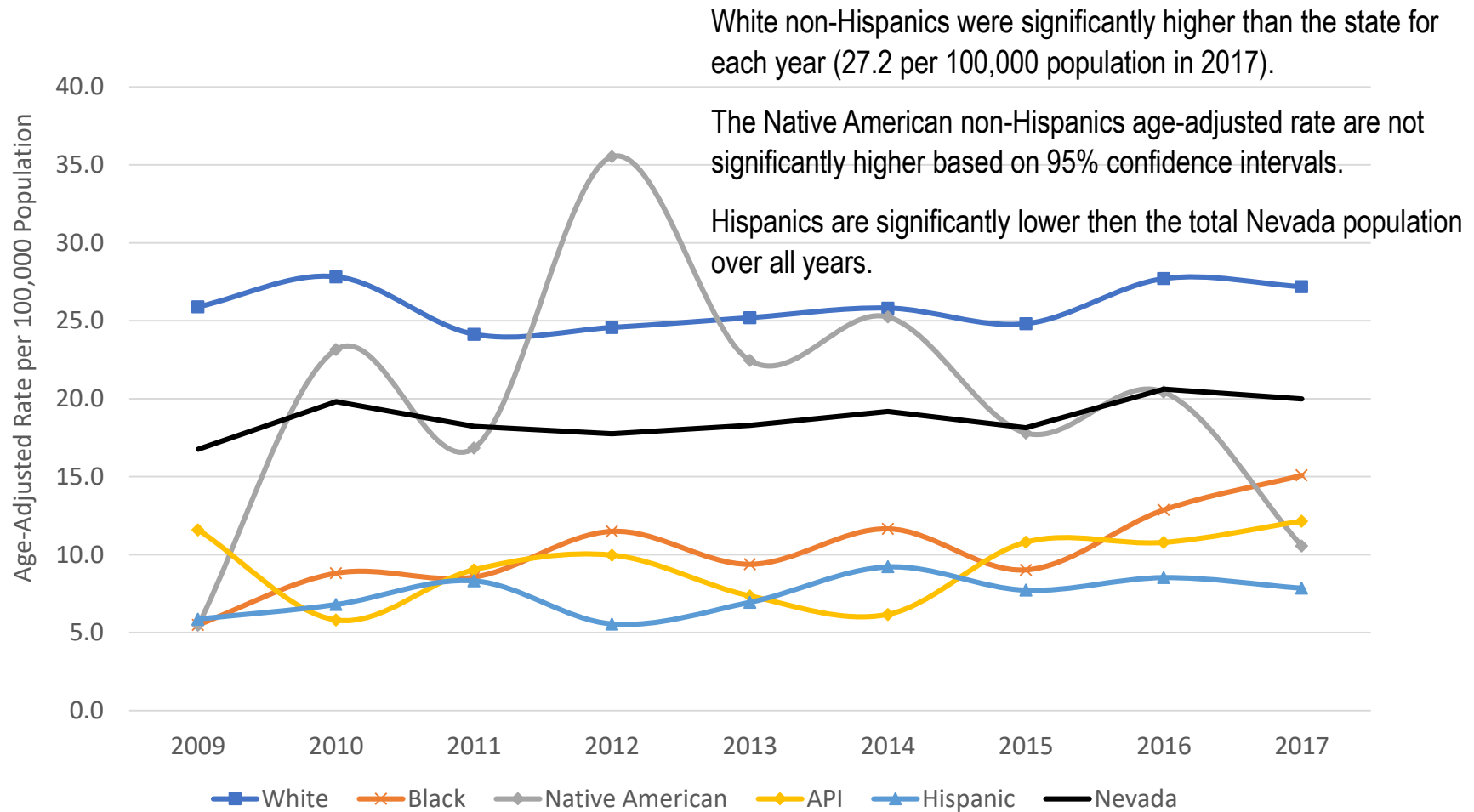
## Number of Suicides and Age-Adjusted Suicide Rates, Nevada Residents, 2009-2017

The age-adjusted suicide rate as remain steady from 2009-2017 with no significant increase or decrease.



Source: Nevada Electronic Death Registry System.

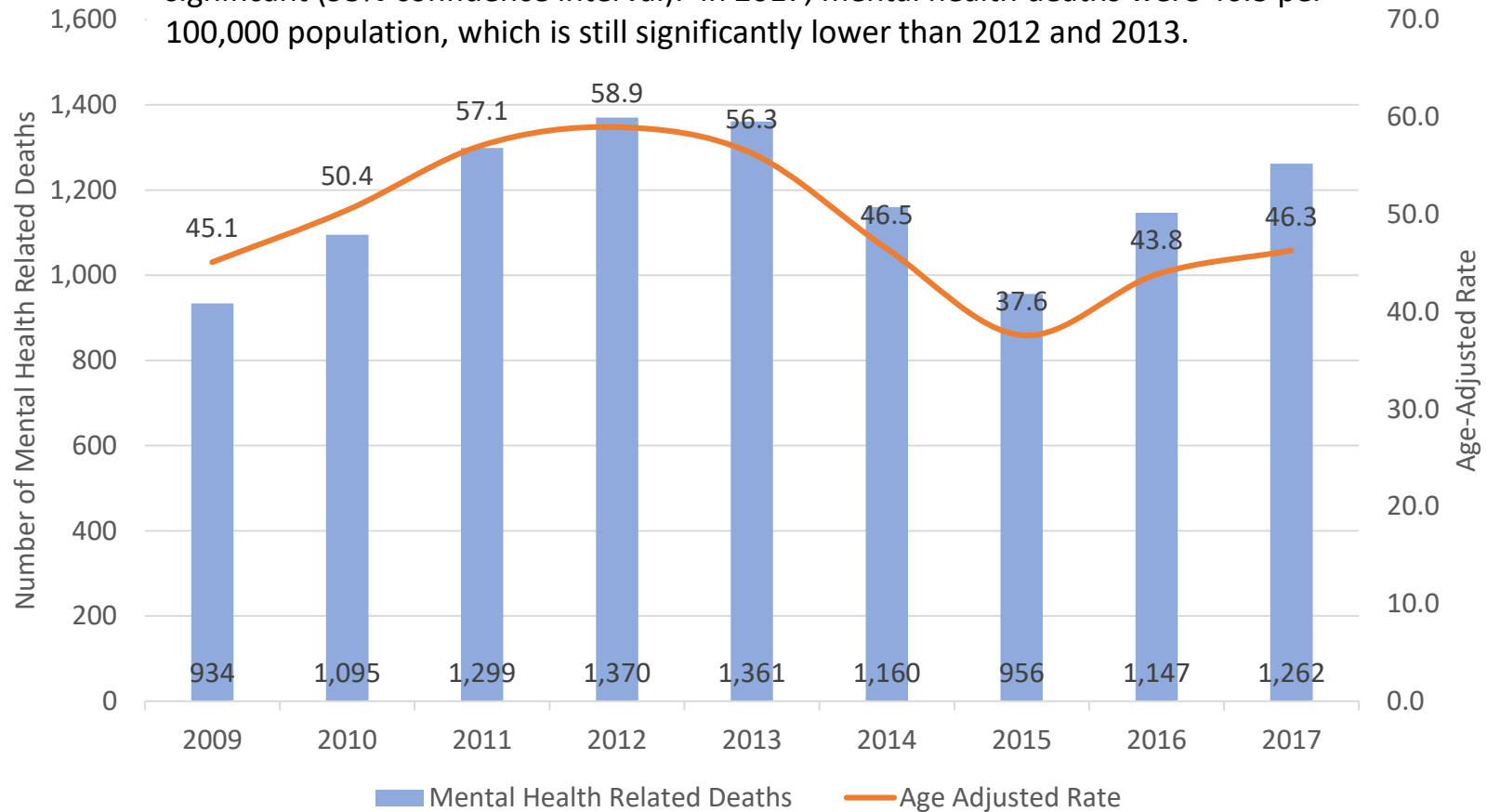
## Age Adjusted Suicide Rates by Race/Ethnicity, Nevada Residents, 2009-2017



Source: Nevada Electronic Death Registry System.

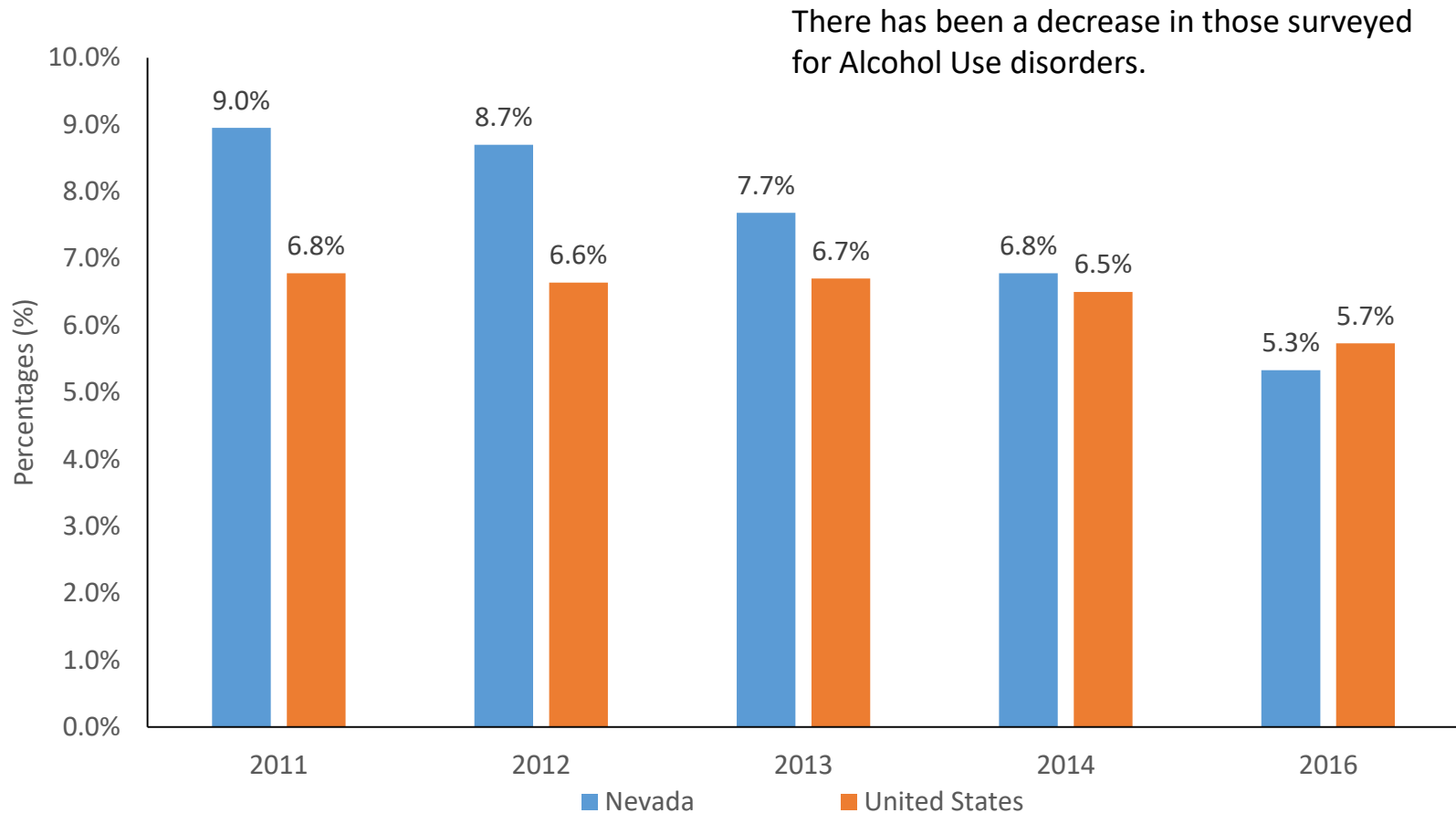
## Mental Health Related Deaths and Age-Adjusted Rates, Nevada Residents, 2009-2017

In 2015, the number of mental health related deaths dropped to 956 which was significant (95% confidence interval). In 2017, mental health deaths were 46.3 per 100,000 population, which is still significantly lower than 2012 and 2013.



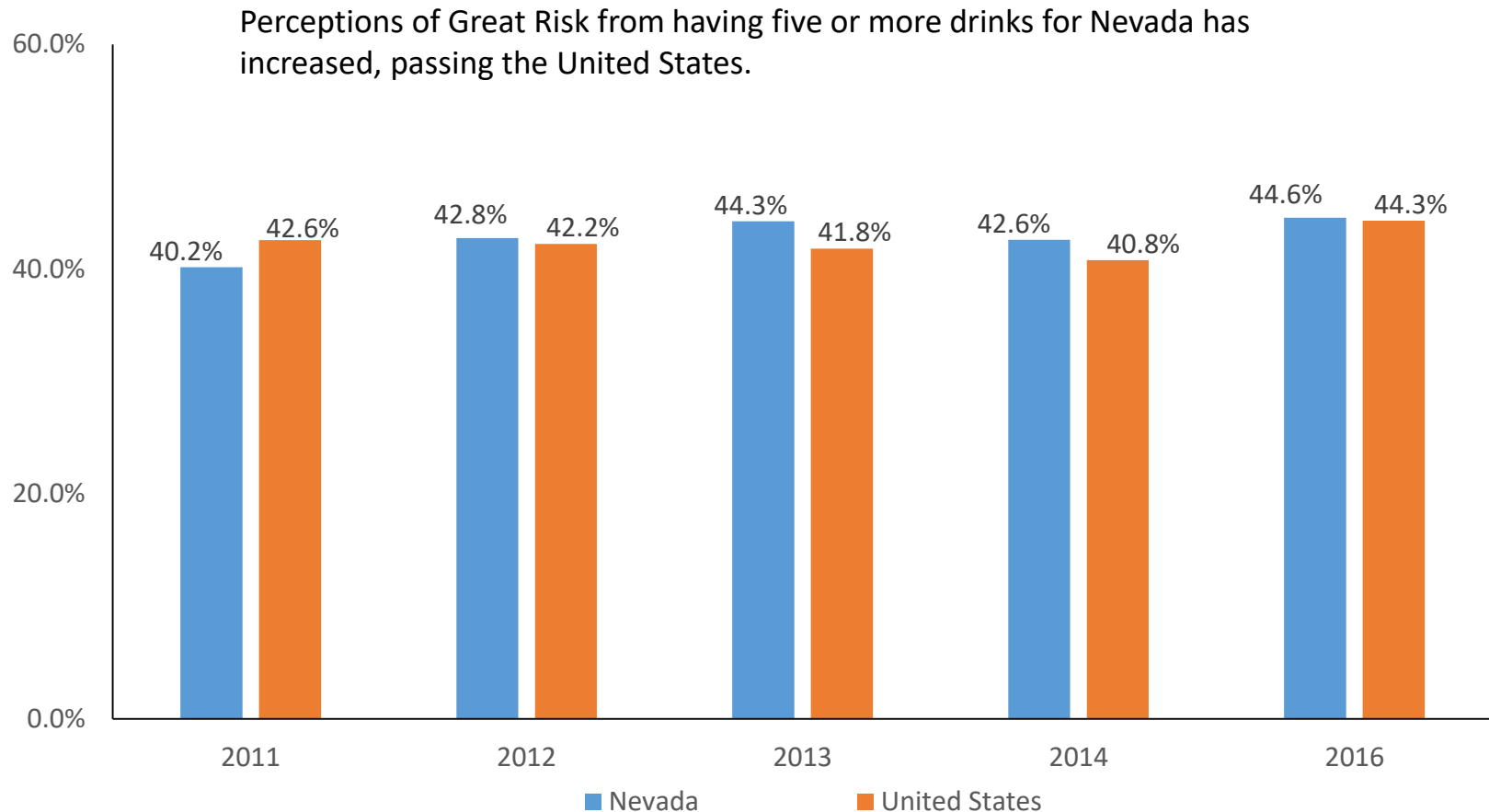
Source: Nevada Electronic Death Registry System.

## Alcohol Use Disorder in the Past Year in Ages 12 Years and Above, in Nevada and the United States, 2011-2016



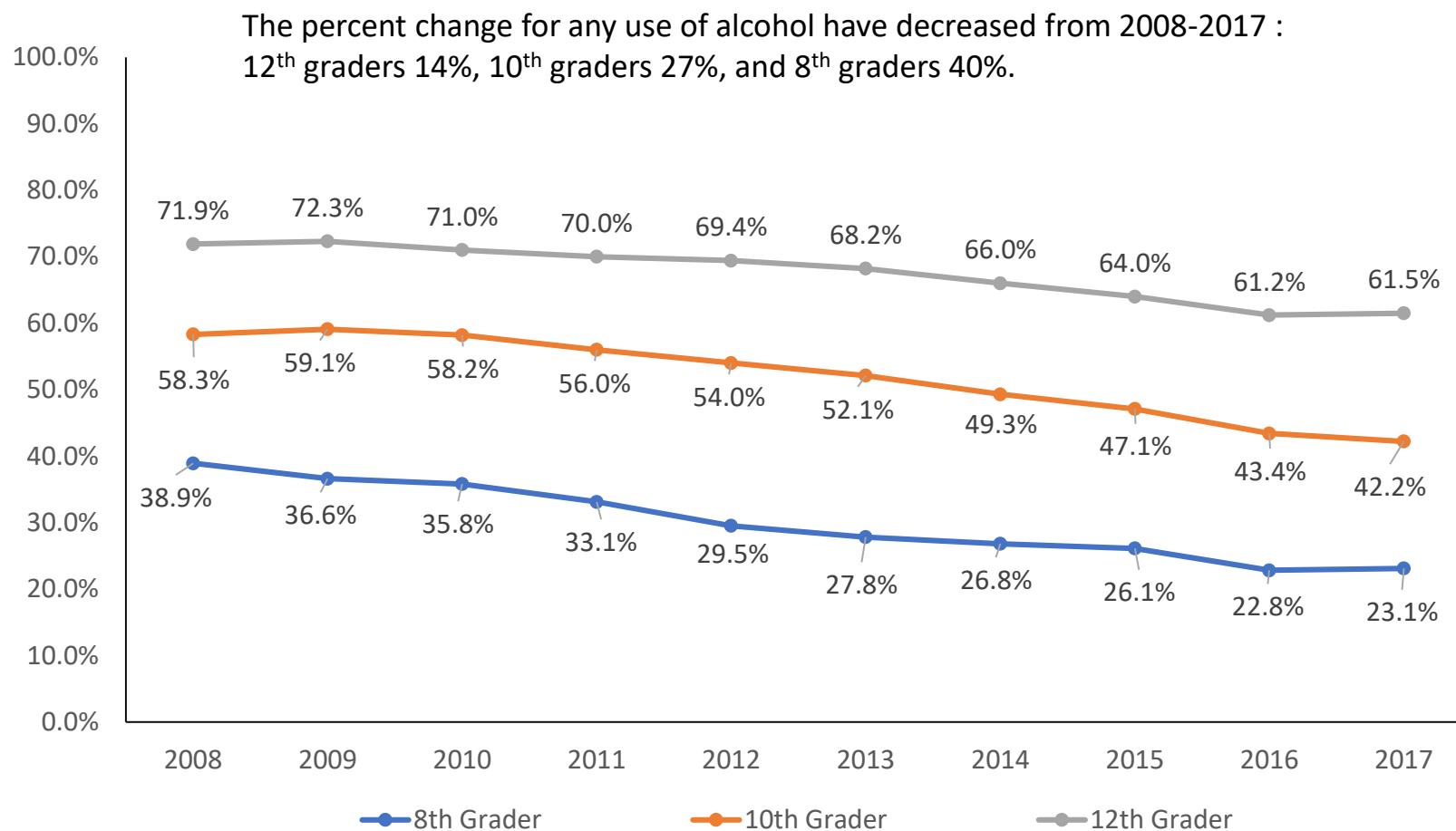
Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Surveys on Drug Use and Health, 2010-2016.  
Chart scaled to 10% to display differences among groups.

## Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week in the Past Year in Ages 12 Years and Above, in Nevada and the United States, 2011-2016



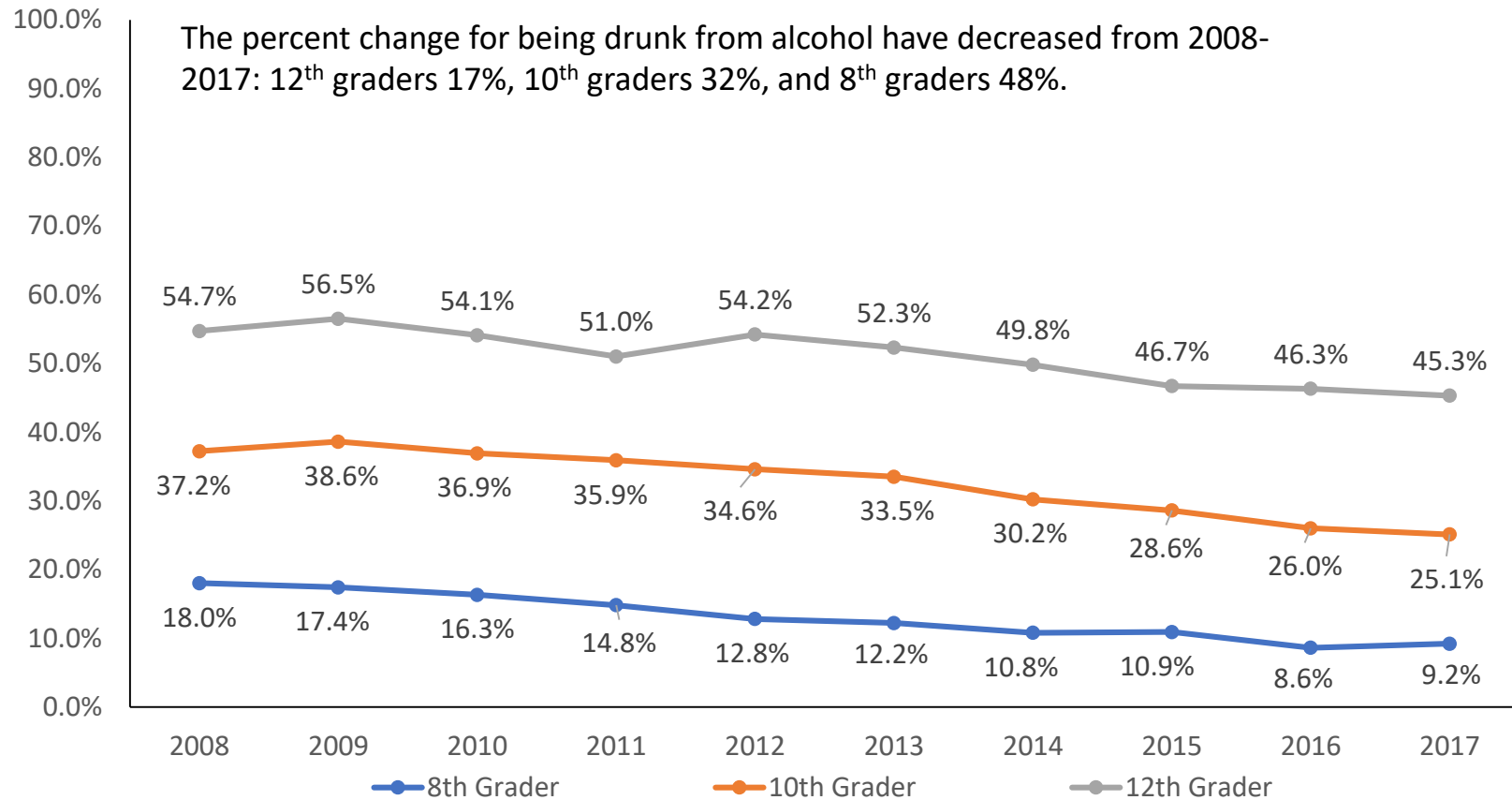
Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Surveys on Drug Use and Health, 2010-2016.  
Chart scaled to 60% to display differences among groups.

## Trends in Annual Prevalence of Any Use of Alcohol, United States, 2008-2017



Source: Monitoring the Future Survey.

## Trends in Annual Prevalence of Being Drunk from Alcohol, United States, 2008-2017

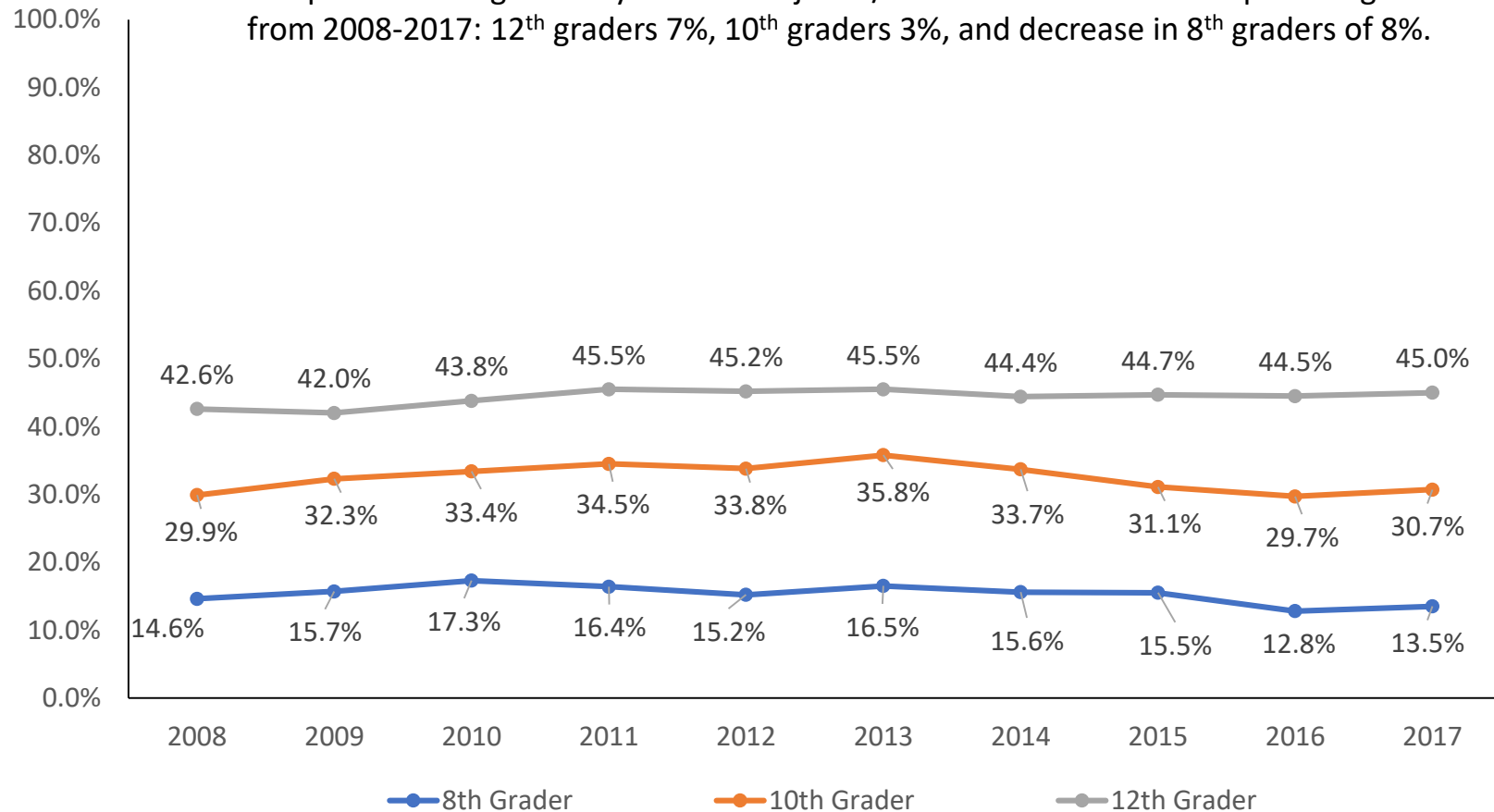


Source: Monitoring the Future Survey.



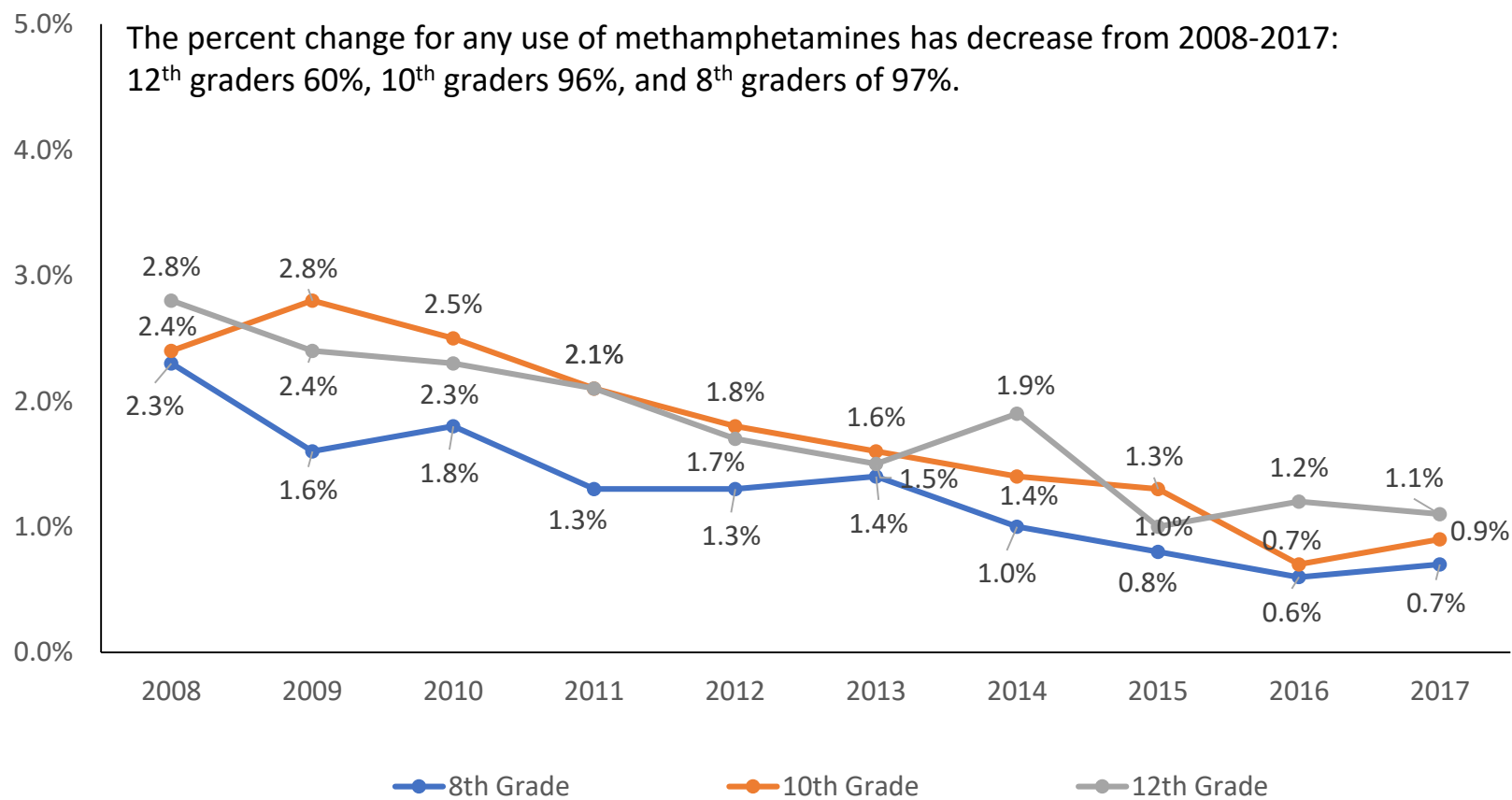
## Trends in Annual Prevalence of Any Use of Marijuana/Hashish, United States, 2008-2017

The percent change for any use of marijuana/hashish has increase except in 8<sup>th</sup> graders from 2008-2017: 12<sup>th</sup> graders 7%, 10<sup>th</sup> graders 3%, and decrease in 8<sup>th</sup> graders of 8%.



Source: Monitoring the Future Survey.

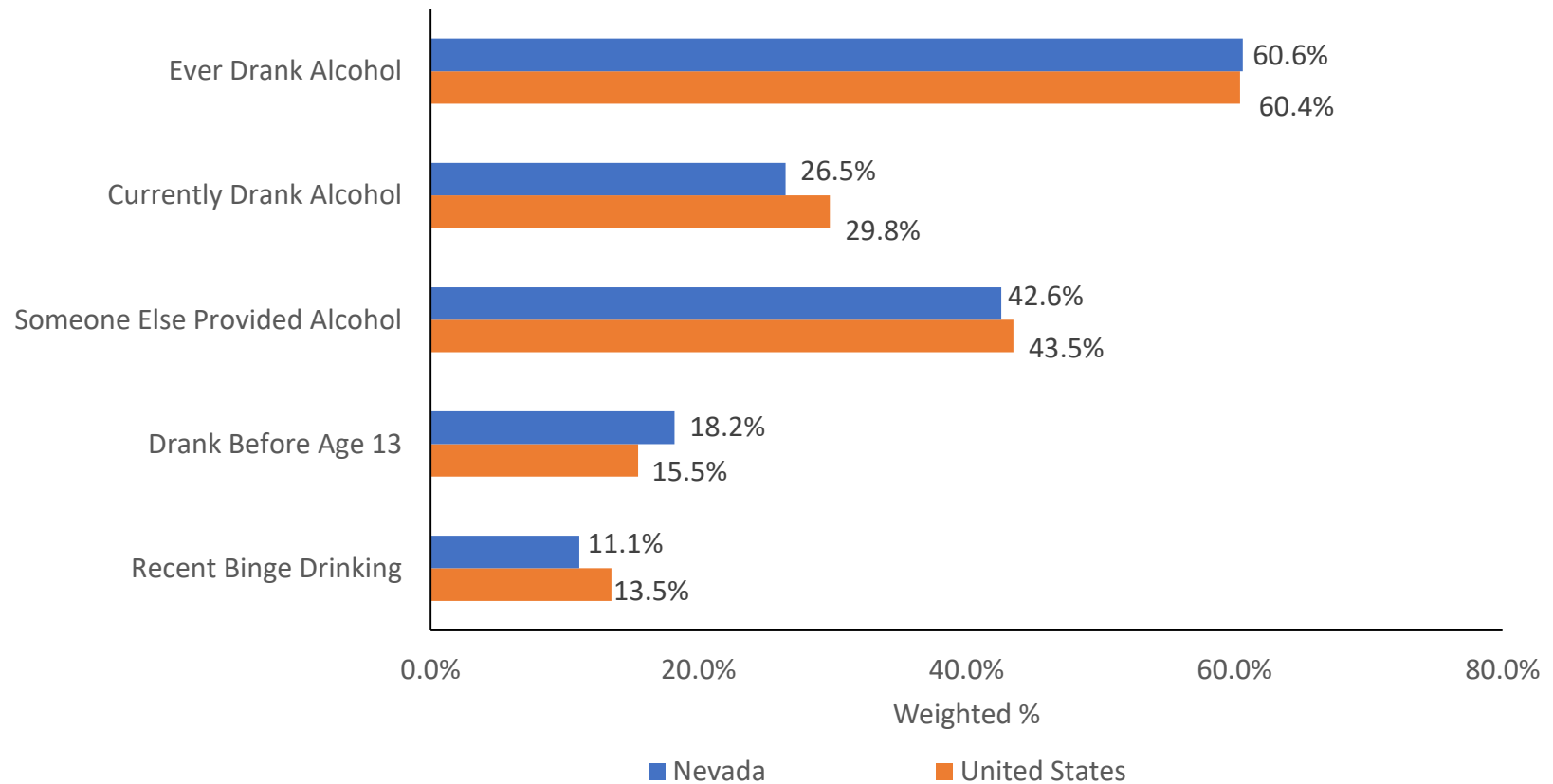
## Trends in Annual Prevalence of Any Use of Methamphetamines, United States, 2008-2017



Source: Monitoring the Future Survey.

Chart scaled to 5% to display differences among groups.

## Alcohol Use, Nevada High School Students, YRBS, 2017

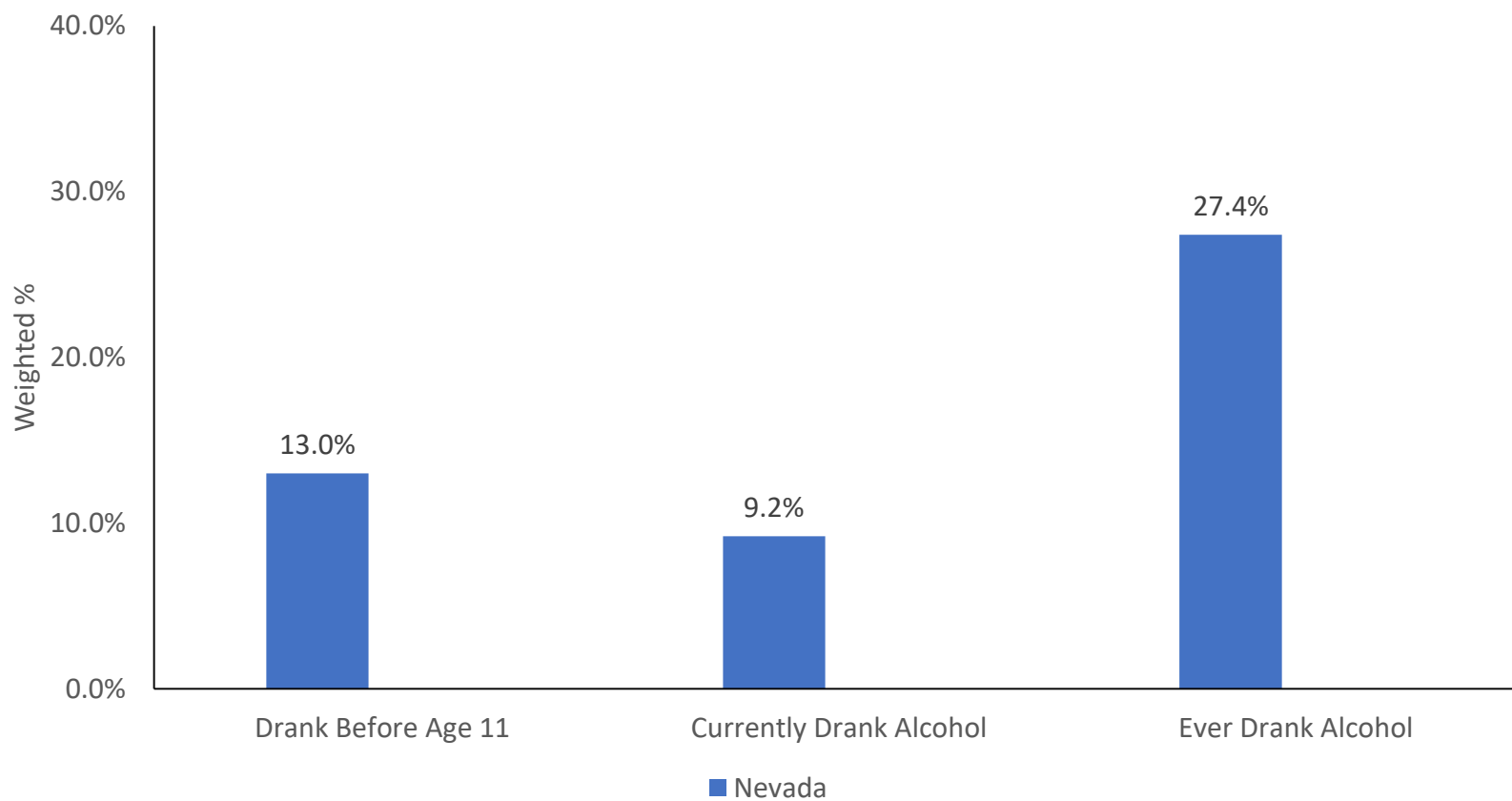


Source: Nevada Youth Risk Behavior Survey (YRBS).

Binge Drinking: Had five or more drinks of alcohol in a row for males, four or more for females within a couple of hours.

Chart scaled to 80% to display differences among groups

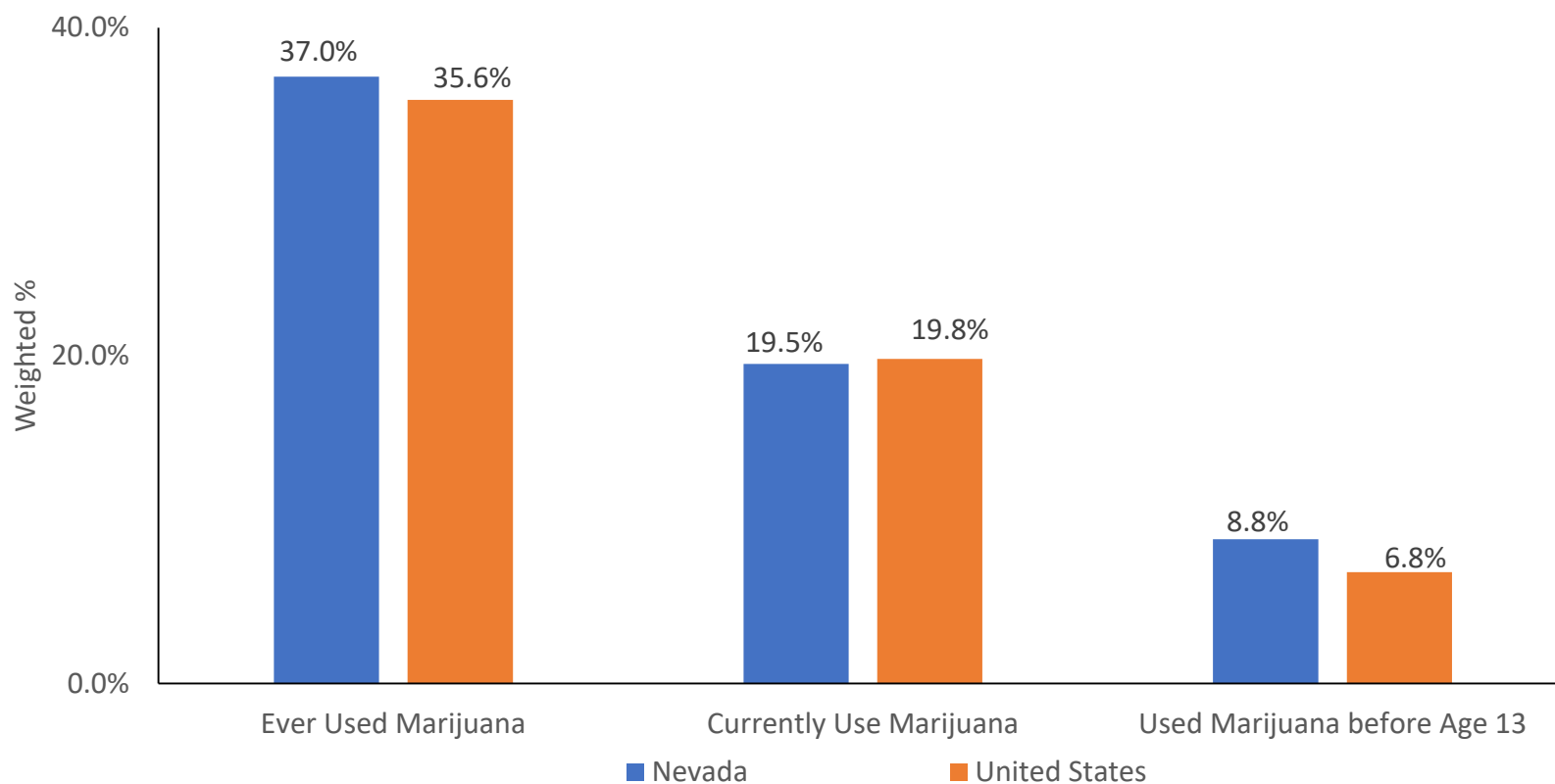
## Alcohol Use, Nevada Middle School Students, YRBS, 2017



Source: Nevada Youth Risk Behavior Survey (YRBS).

Chart scaled to 40% to display differences among groups

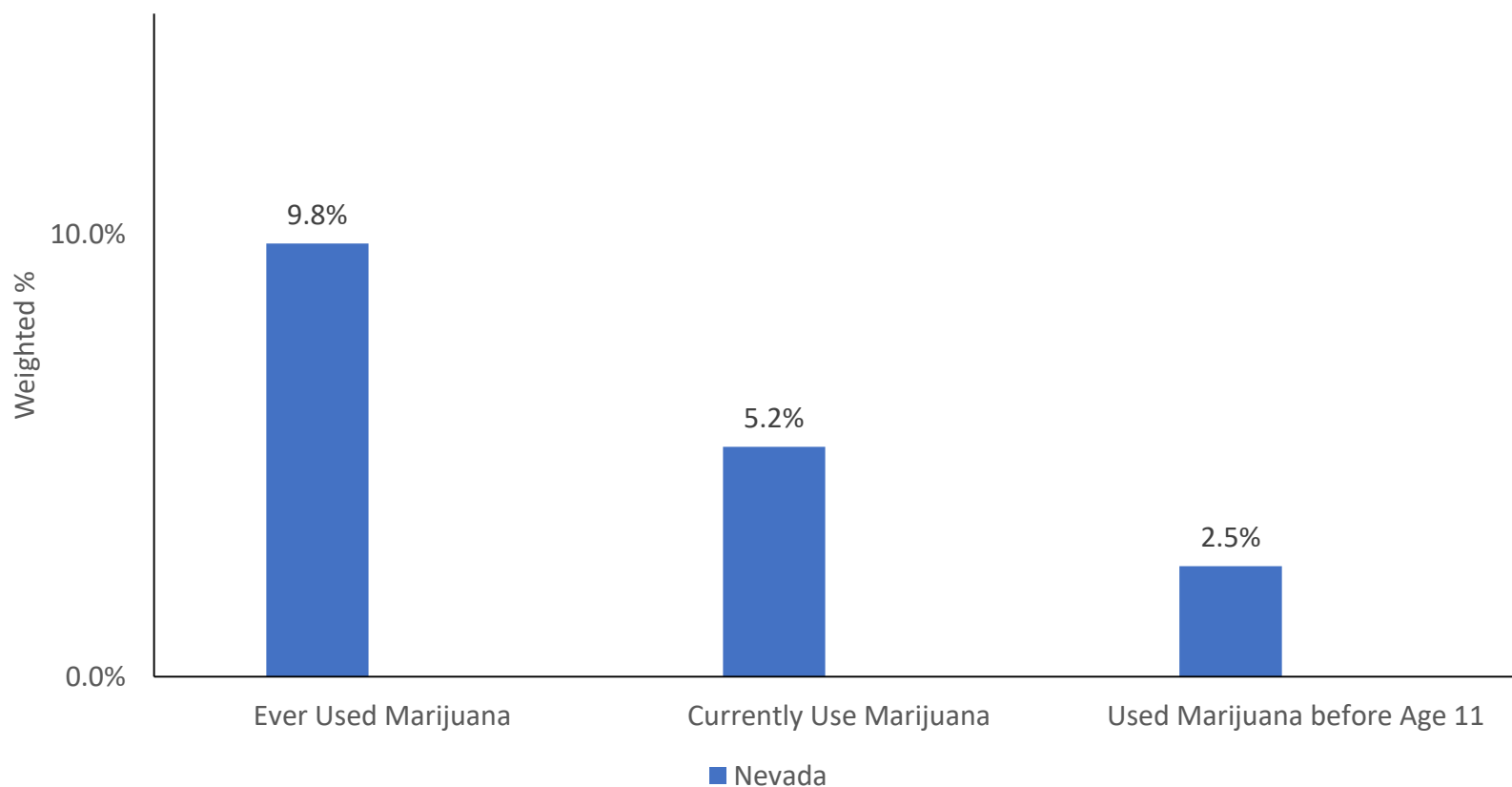
## Marijuana Use, Nevada High School Students, YRBS, 2017



Source: Nevada Youth Risk Behavior Survey (YRBS).

Chart scaled to 40% to display differences among groups

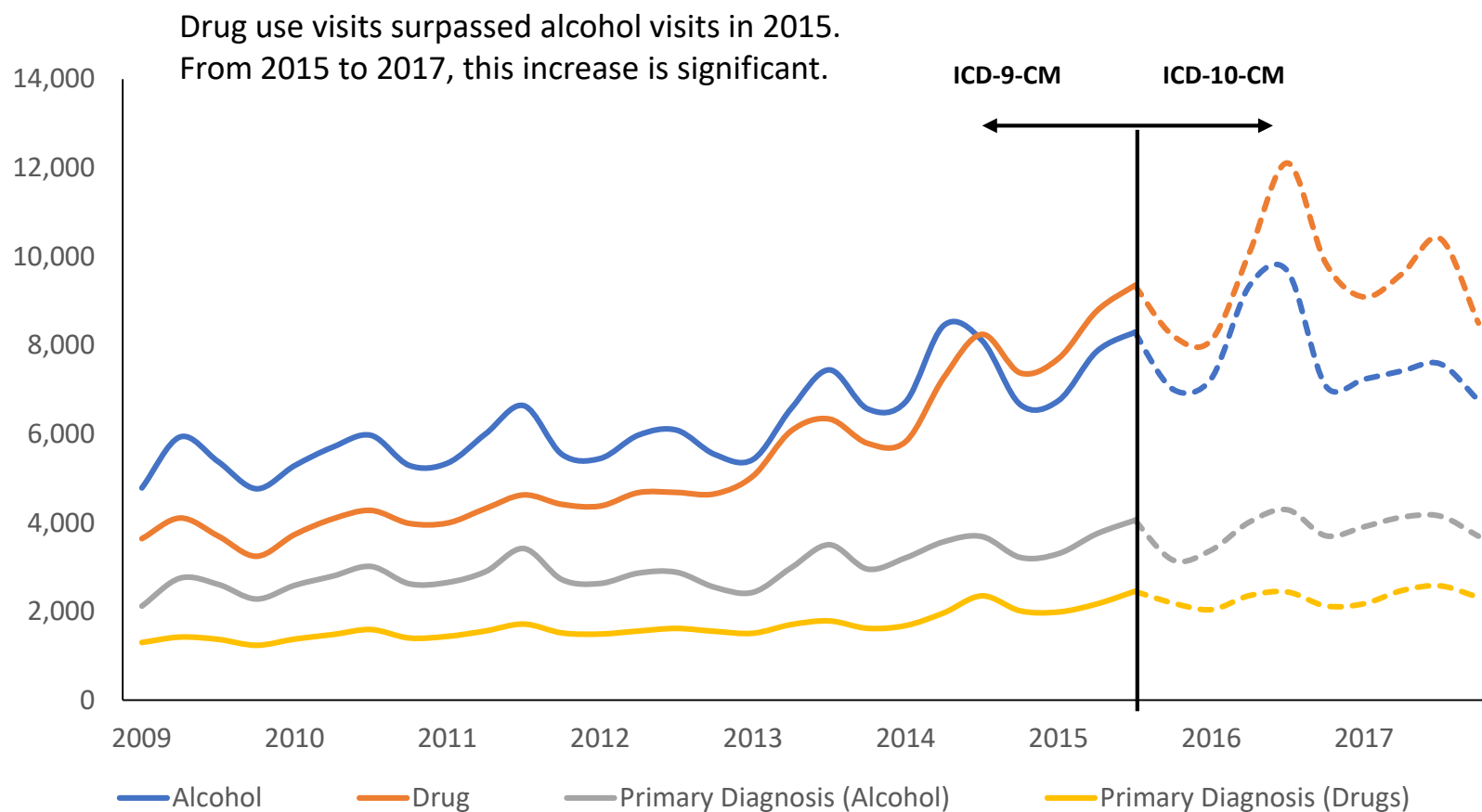
## Marijuana Use, Nevada Middle School Students, YRBS, 2017



Source: Nevada Youth Risk Behavior Survey (YRBS).

Chart scaled to 15% to display differences among groups

## Alcohol and Other Drug Related Emergency Department Encounters by Quarter and Year, 2009-2017

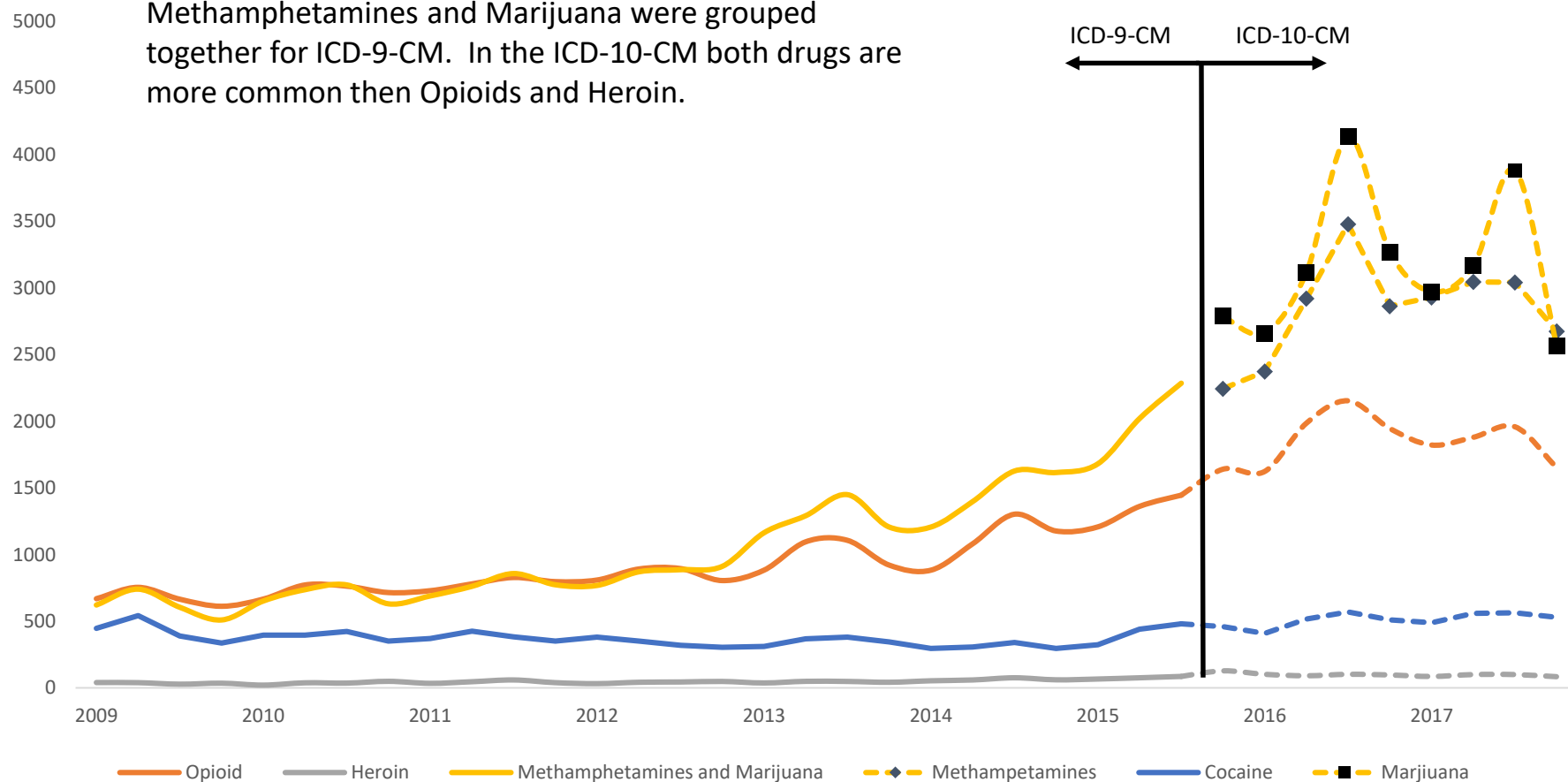


Source: Hospital Emergency Department Billing

ICD-9 codes were replaced by ICD-10 codes in last quarter of 2015, therefore data prior to that may not be directly comparable.

# Drug Related Emergency Department Encounters by Quarter and Year, 2009-2017

Methamphetamines and Marijuana were grouped together for ICD-9-CM. In the ICD-10-CM both drugs are more common than Opioids and Heroin.

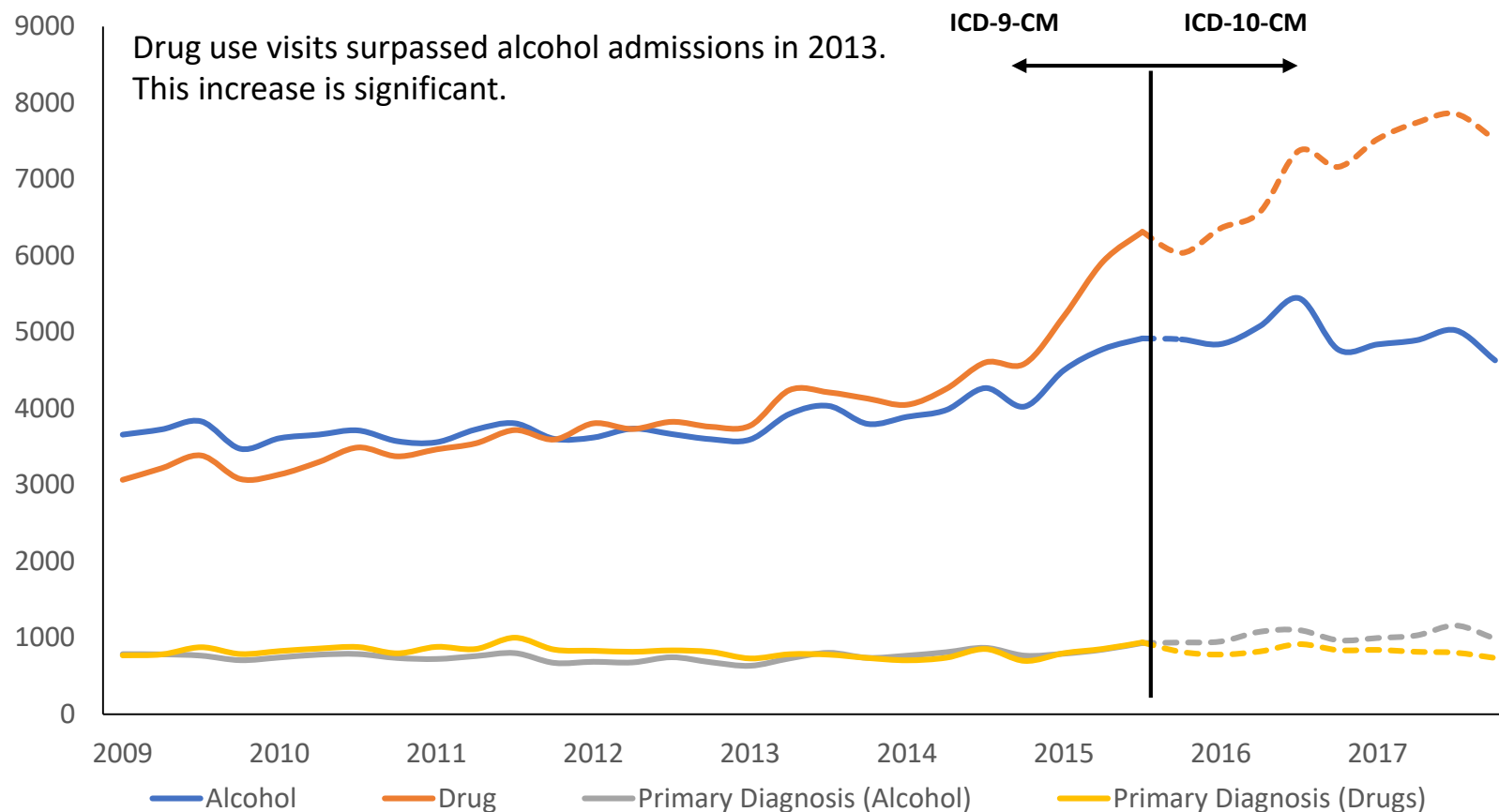


Source: Hospital Emergency Department Billing

ICD-9 codes were replaced by ICD-10 codes in last quarter of 2015, therefore data prior to that may not be directly comparable.



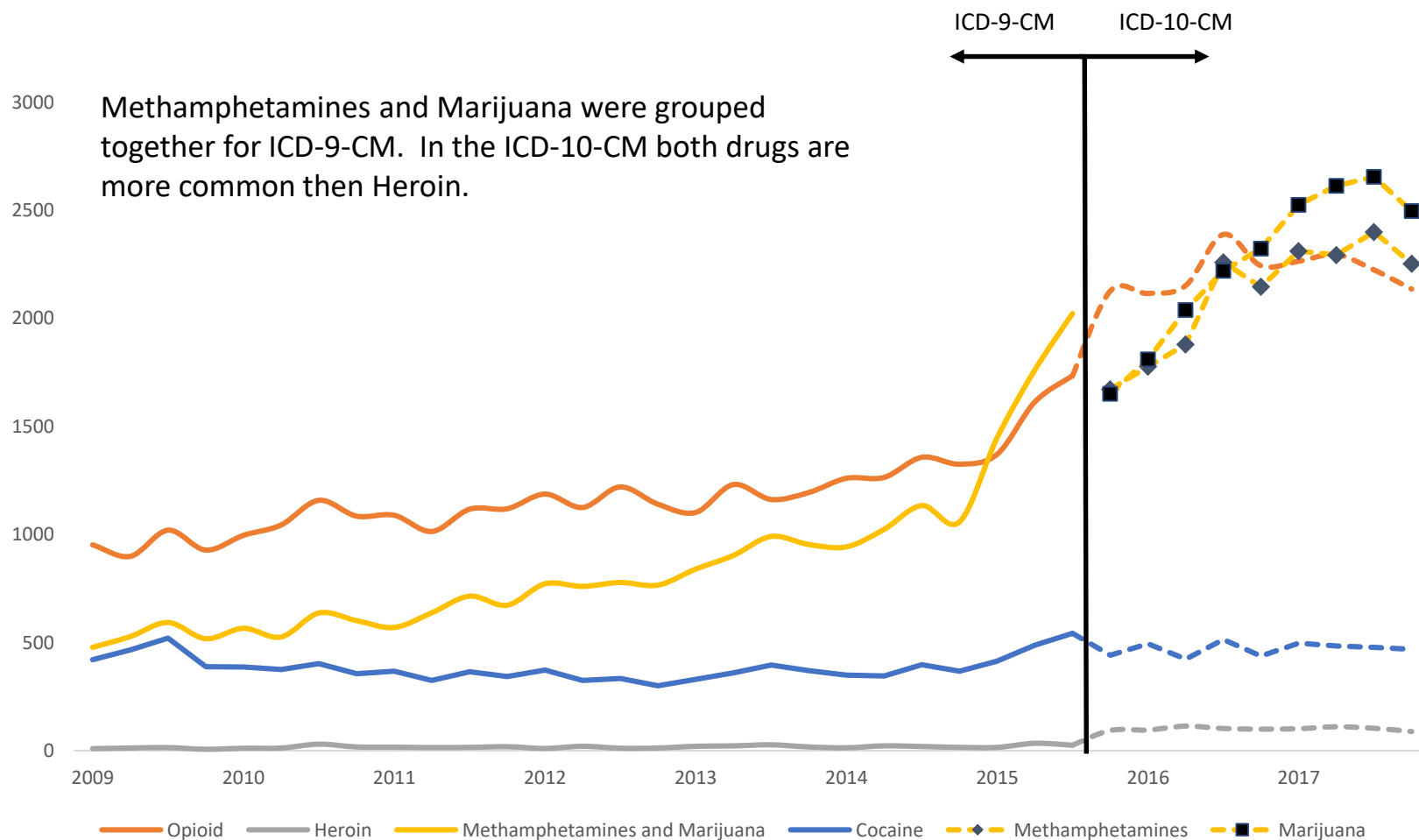
## Alcohol and Other Drug Related Inpatient Admissions by Quarter and Year, 2009-2017



Source: Hospital Inpatient Billing

ICD-9 codes were replaced by ICD-10 codes in last quarter of 2015, therefore data prior to that may not be directly comparable.

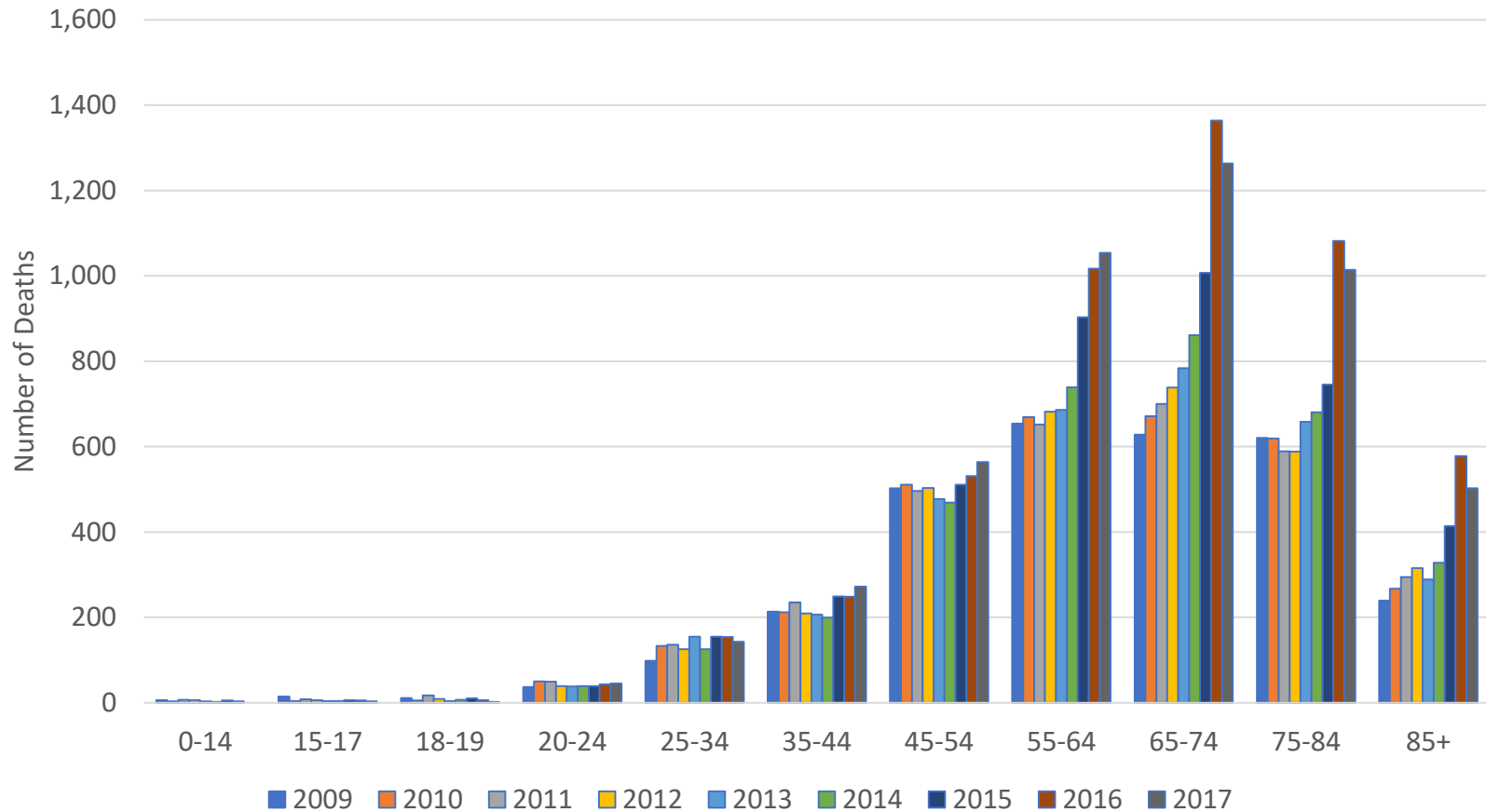
# Drug Related Inpatient Admissions by Quarter and Year, 2009-2017



Source: Hospital Inpatient Billing

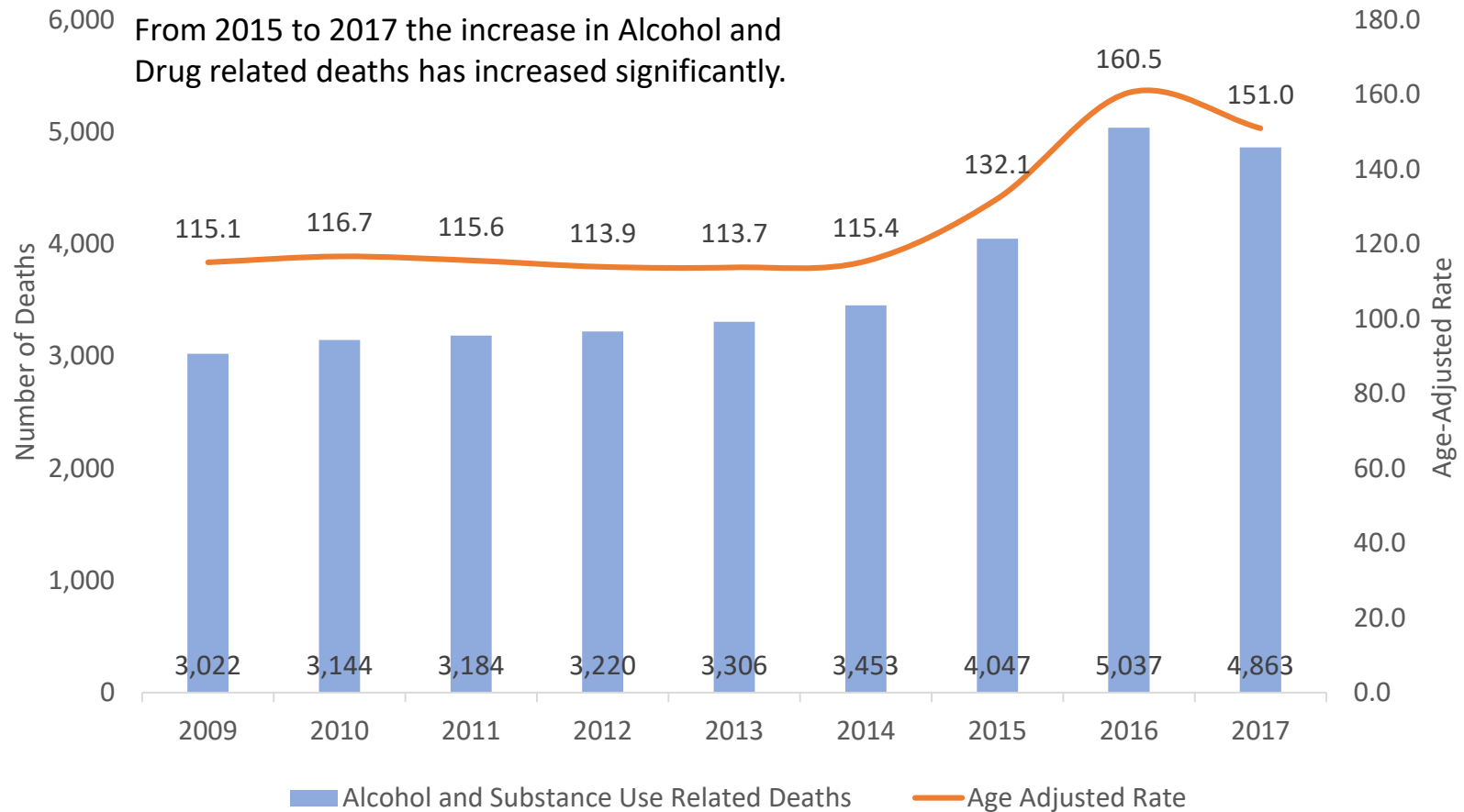
ICD-9 codes were replaced by ICD-10 codes in last quarter of 2015, therefore data prior to that may not be directly comparable.

## Drug and Alcohol Related Deaths by Age Group, 2009-2017



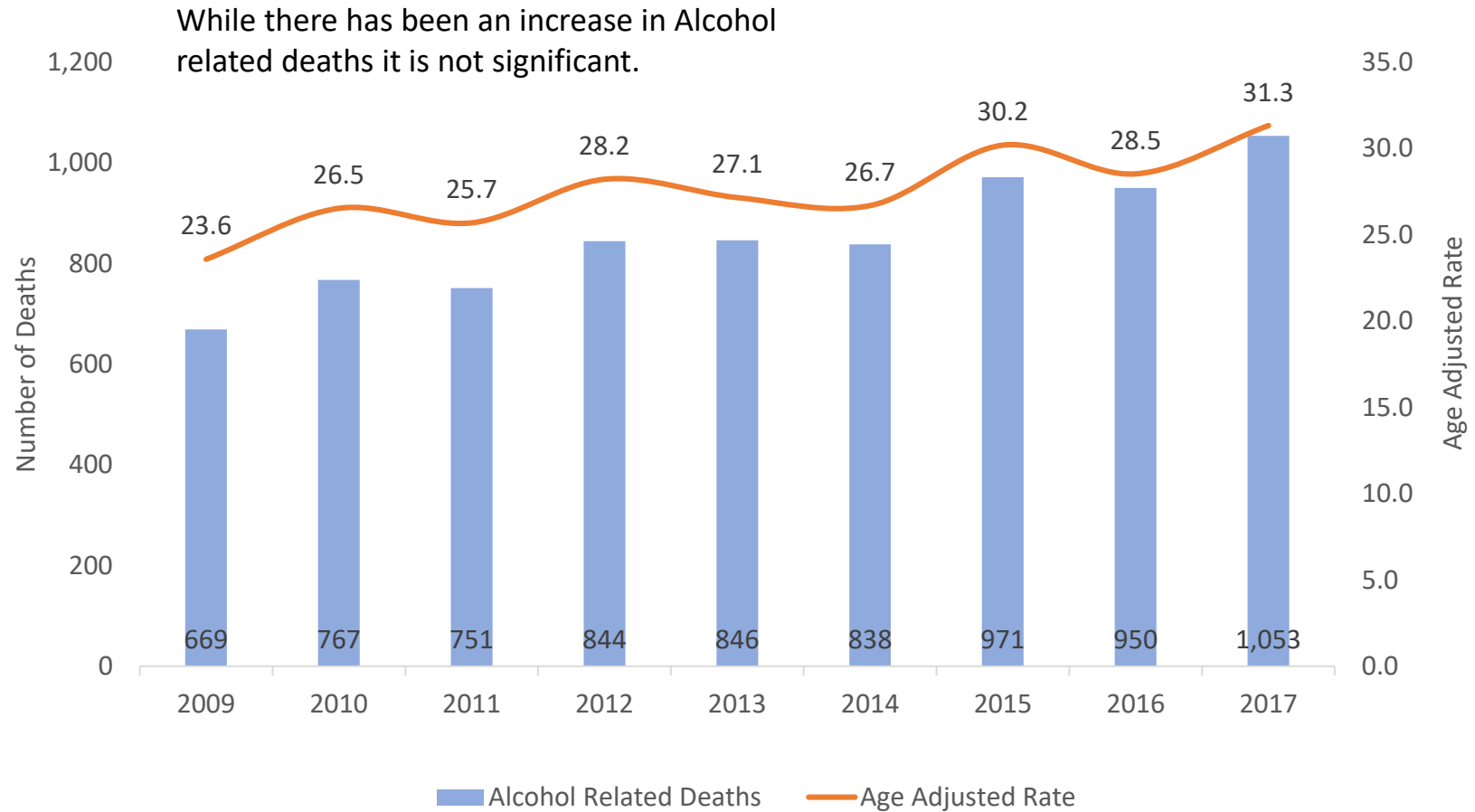
Source: Nevada Electronic Death Registry System.

## Alcohol and Drug Related Deaths and Age Adjusted Rates, 2009-2017



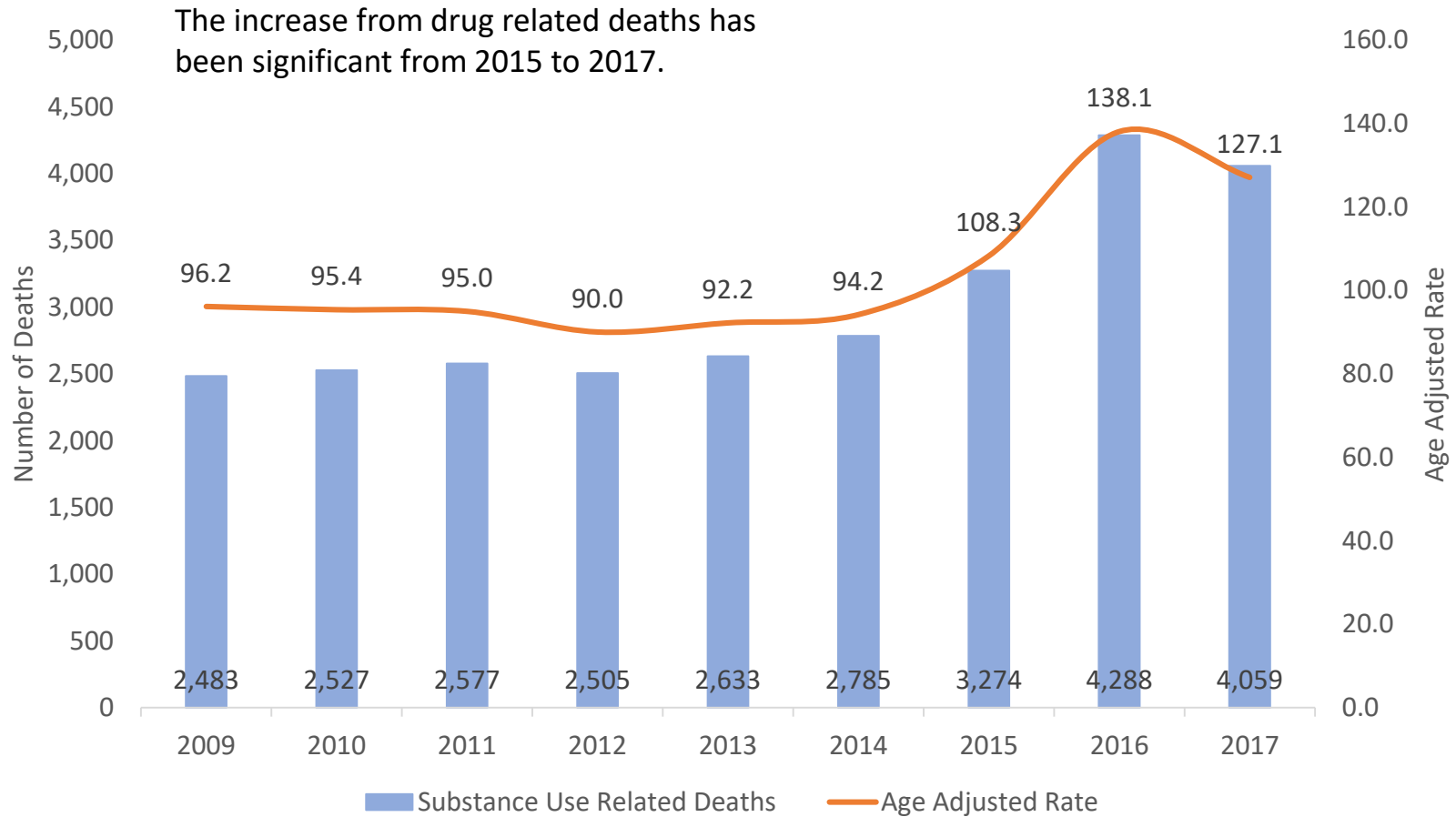
Source: Nevada Electronic Death Registry System.

## Alcohol Related Deaths and Age Adjusted Rates, 2009-2017



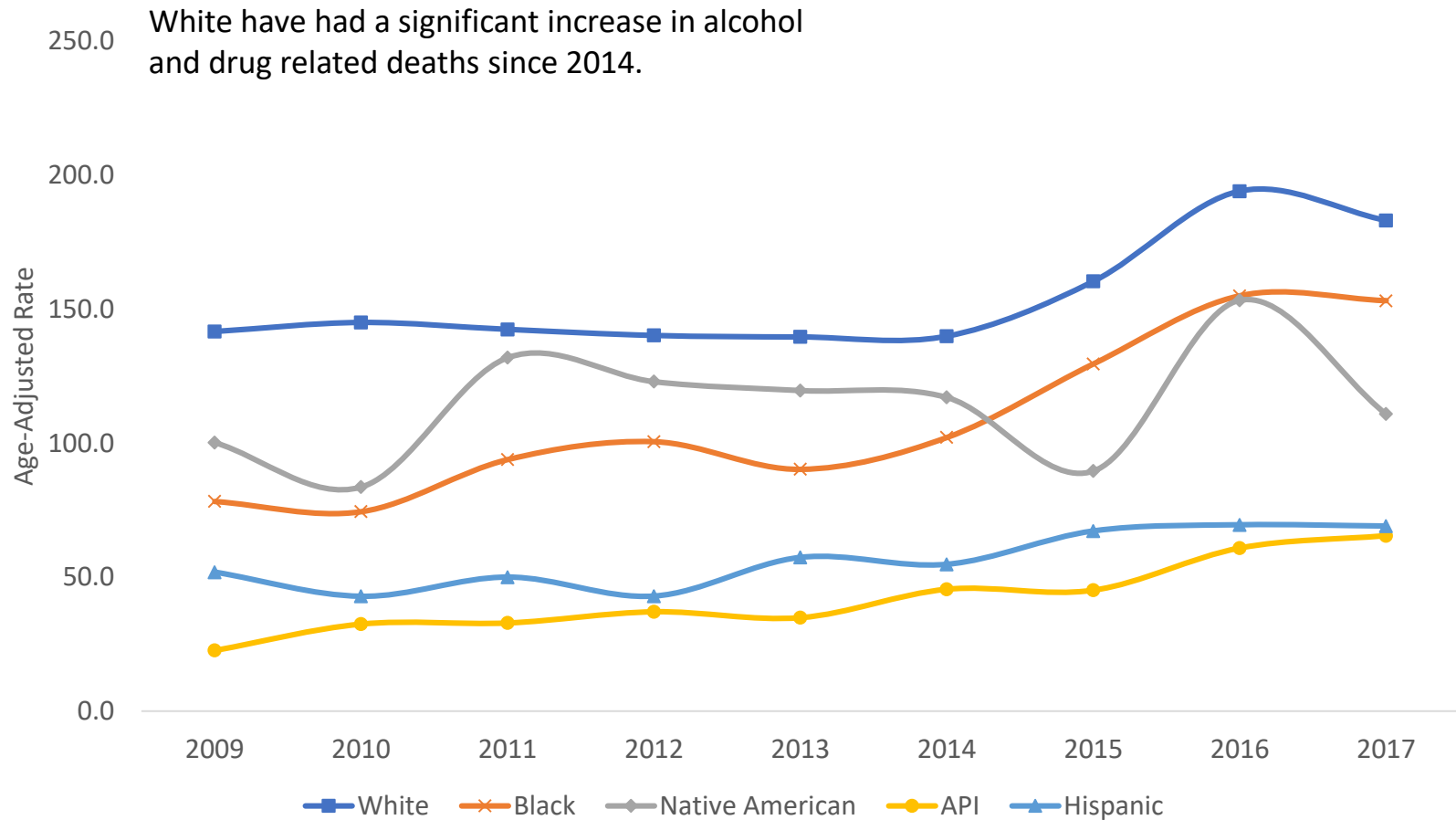
Source: Nevada Electronic Death Registry System.

## Drug Related Deaths and Age Adjusted Rates, 2009-2017



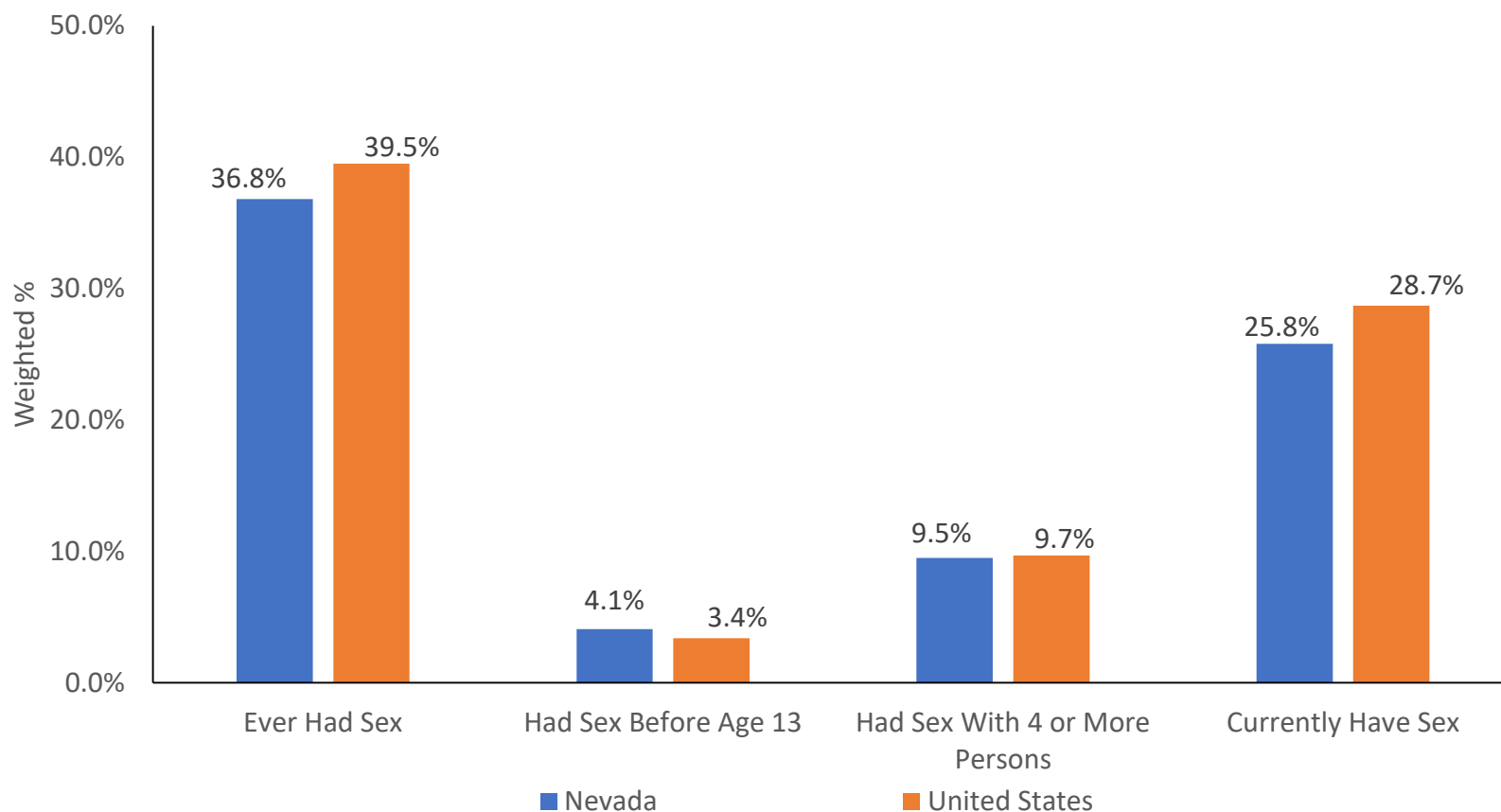
Source: Nevada Electronic Death Registry System.

## Alcohol and Drug Related Deaths by Race, 2009-2017



Source: Nevada Electronic Death Registry System.

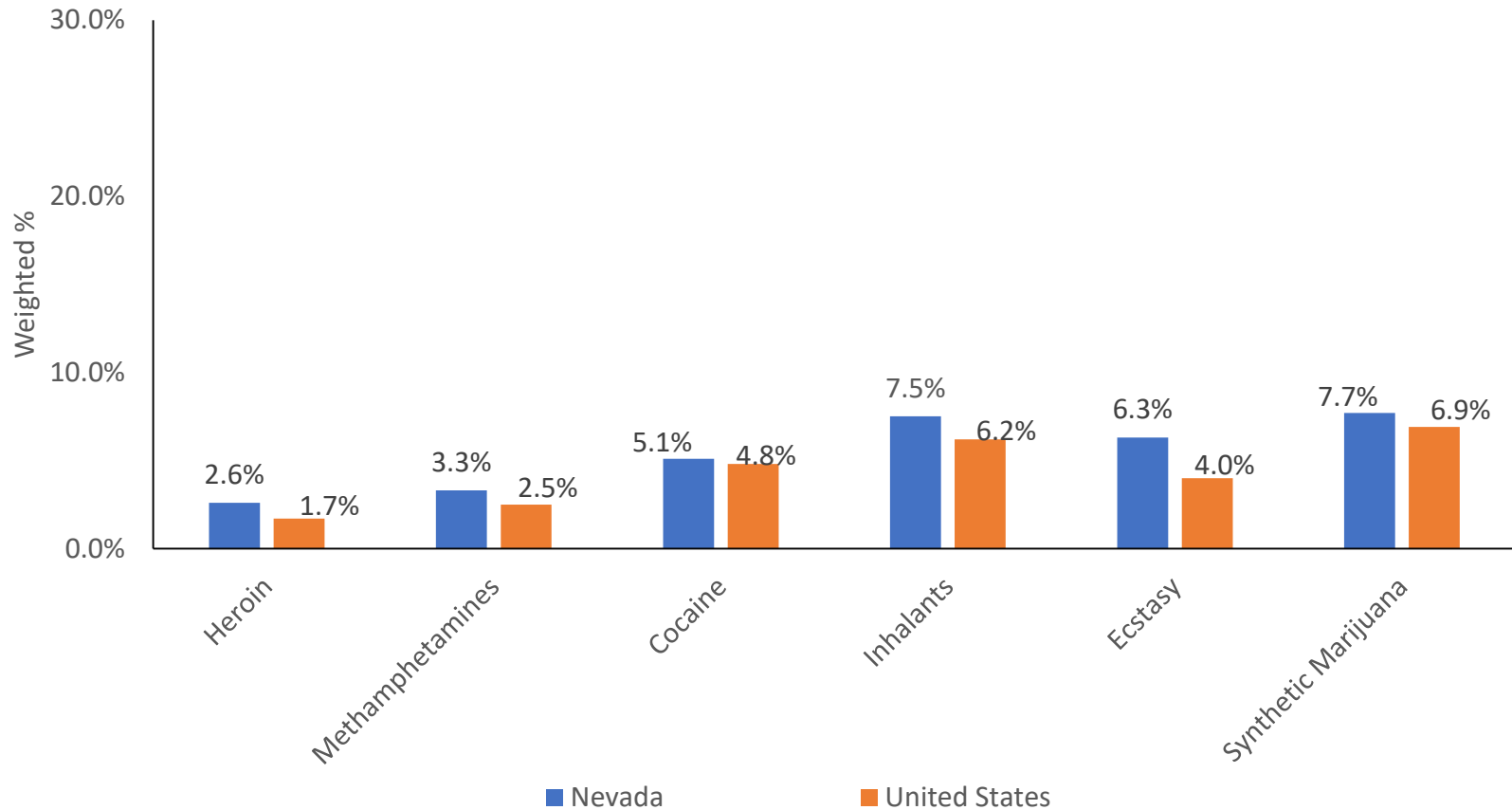
## Sexual Intercourse Among Students, Nevada High School Students, YRBS, 2017



Source: Nevada Youth Risk Behavior Survey (YRBS).  
Chart scaled to 50% to display differences among groups.

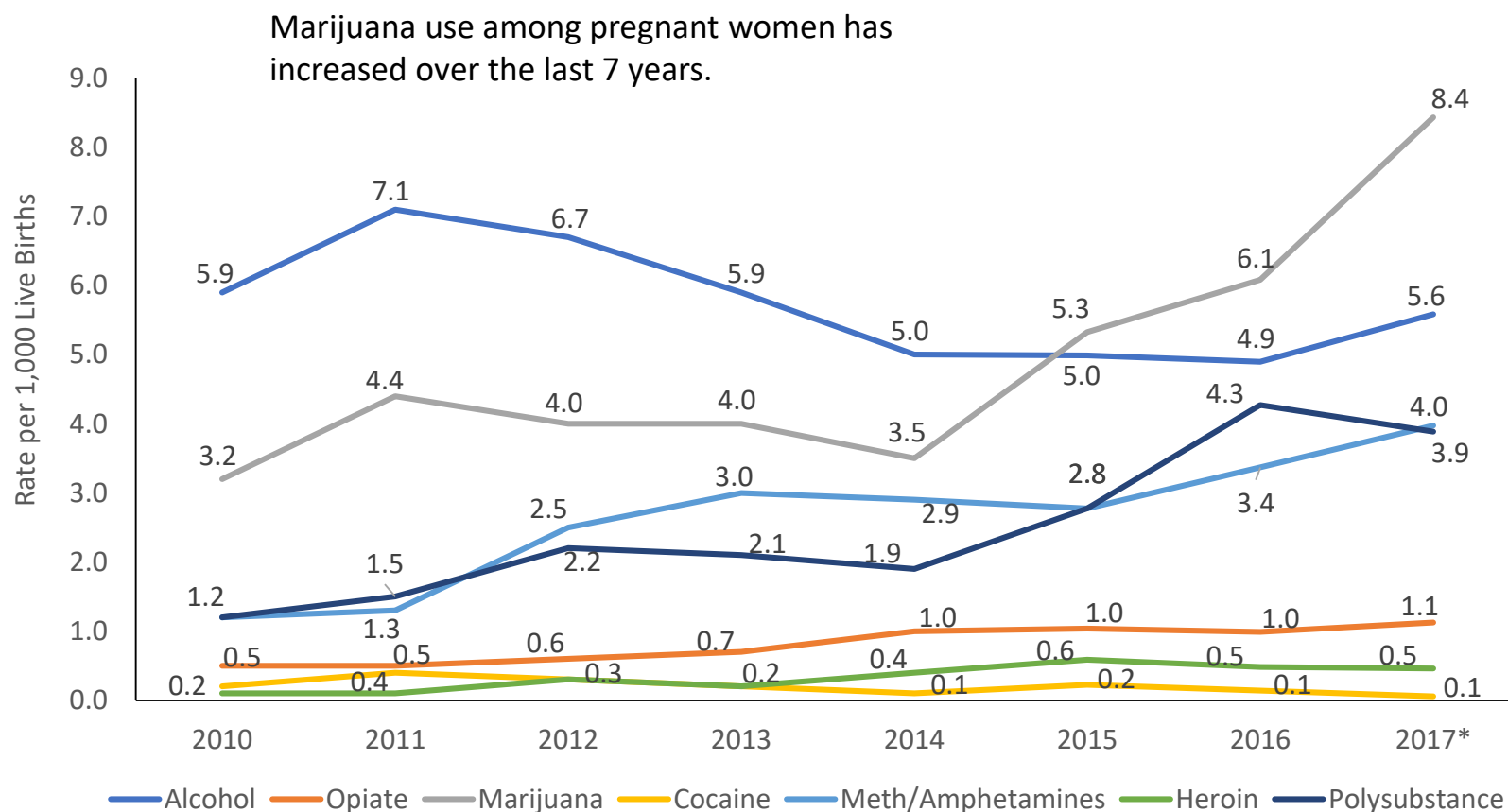


## Lifetime Drug Use Summary, Nevada High School Students, YRBS, 2017



Source: Nevada Youth Risk Behavior Survey (YRBS).  
Chart scaled to 30% to display differences among groups.

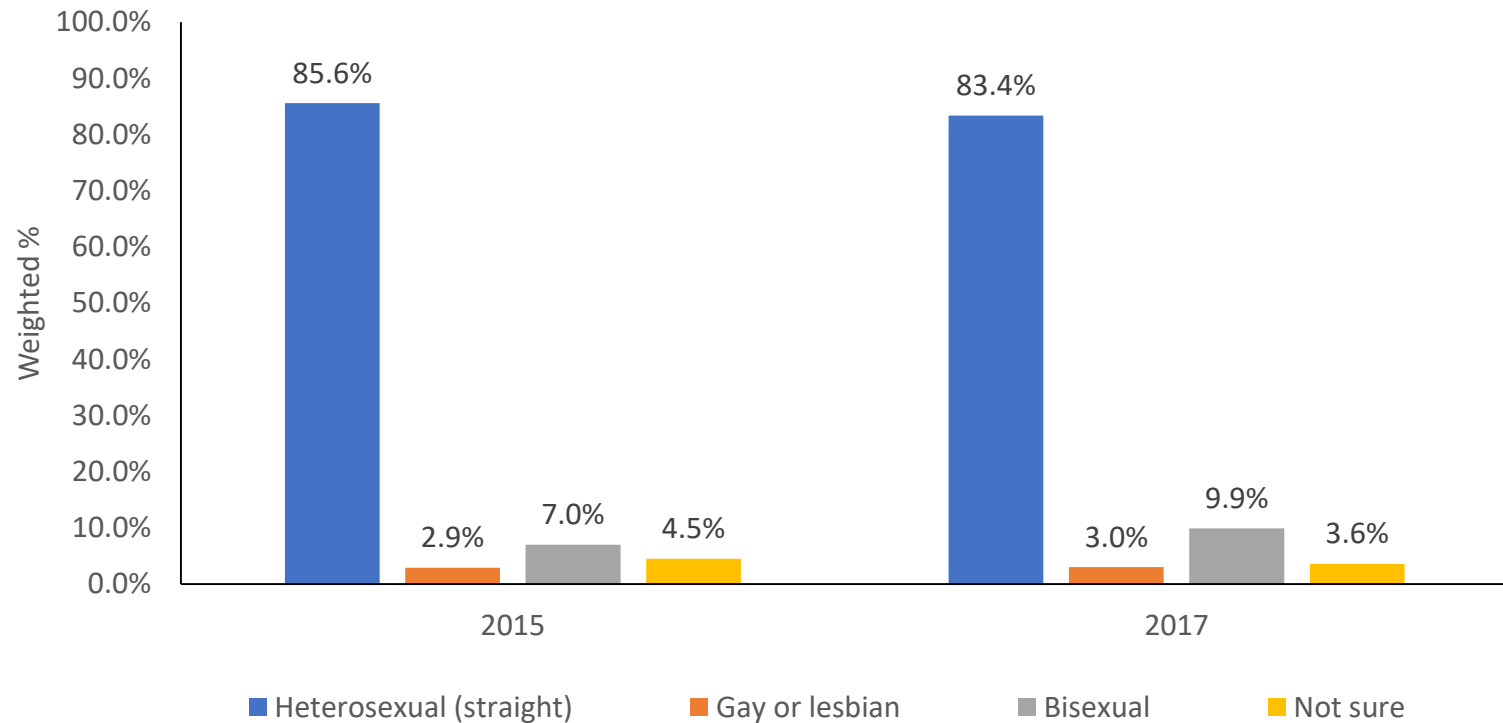
# Prenatal Substance Abuse Birth Rates (self-reported) for Select Substances, Nevada 2010-2017\*



Source: Nevada Electronic Birth Registry System.

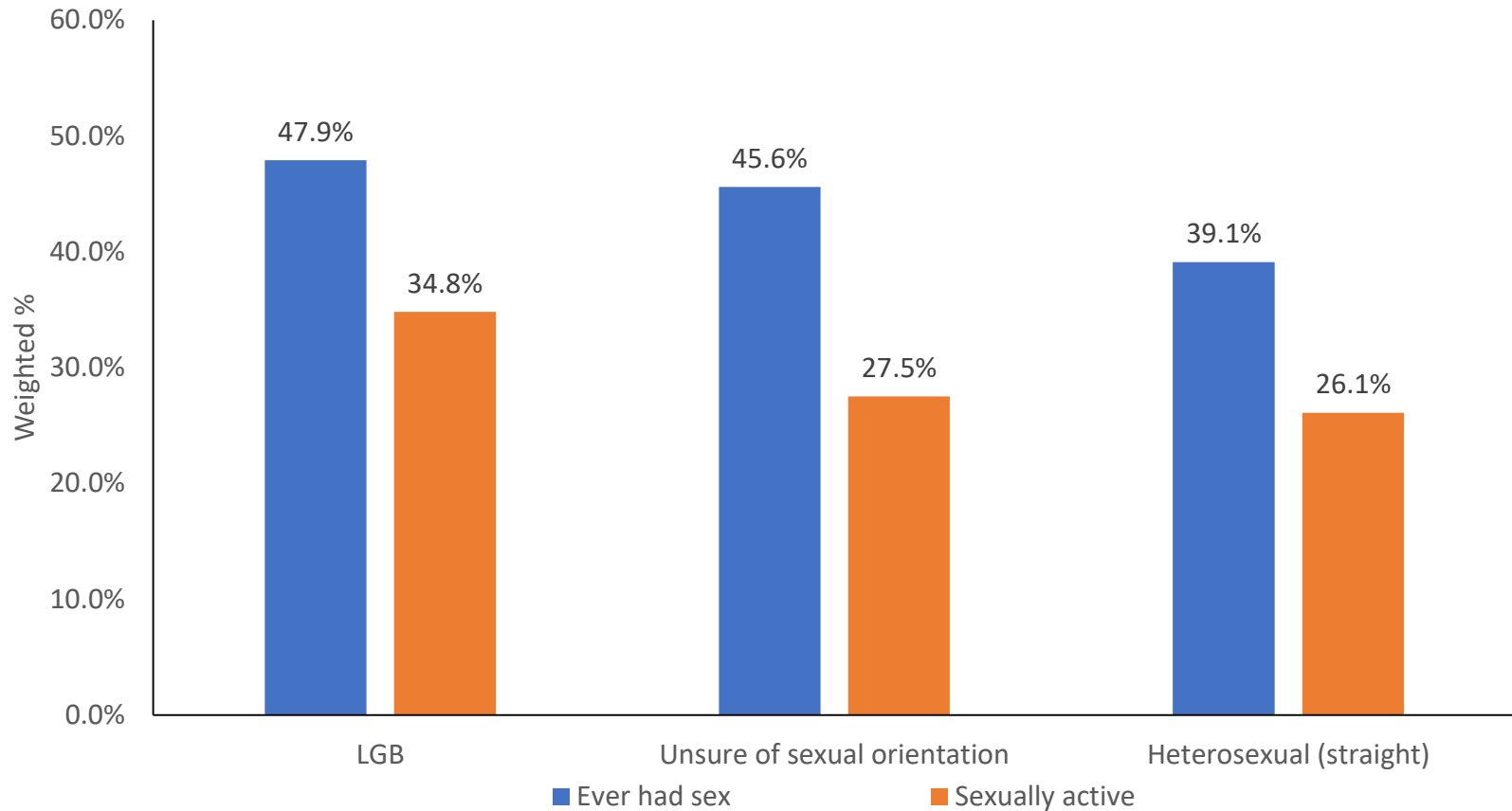
\*2017 data are preliminary and subject to changes.

## Sexual Orientation, Nevada High School Population, YRBS, 2015 and 2017



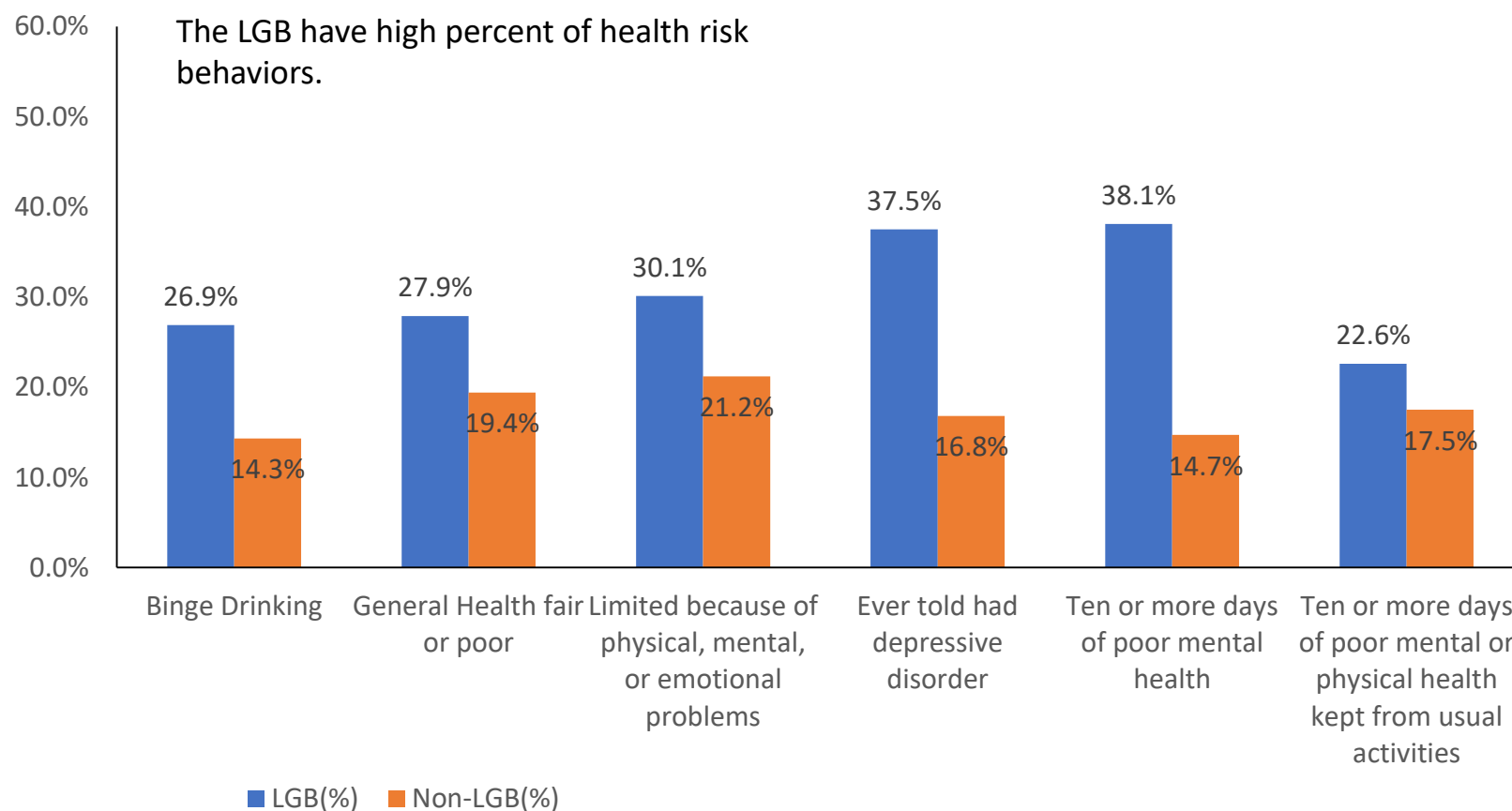
Source: Nevada Youth Risk Behavior Survey (YRBS).

## Prevalence Estimates of Health Risk Behaviors, by LGBTQ – Nevada Youths, YRBS, 2015



Source: Nevada Youth Risk Behavior Survey (YRBS).

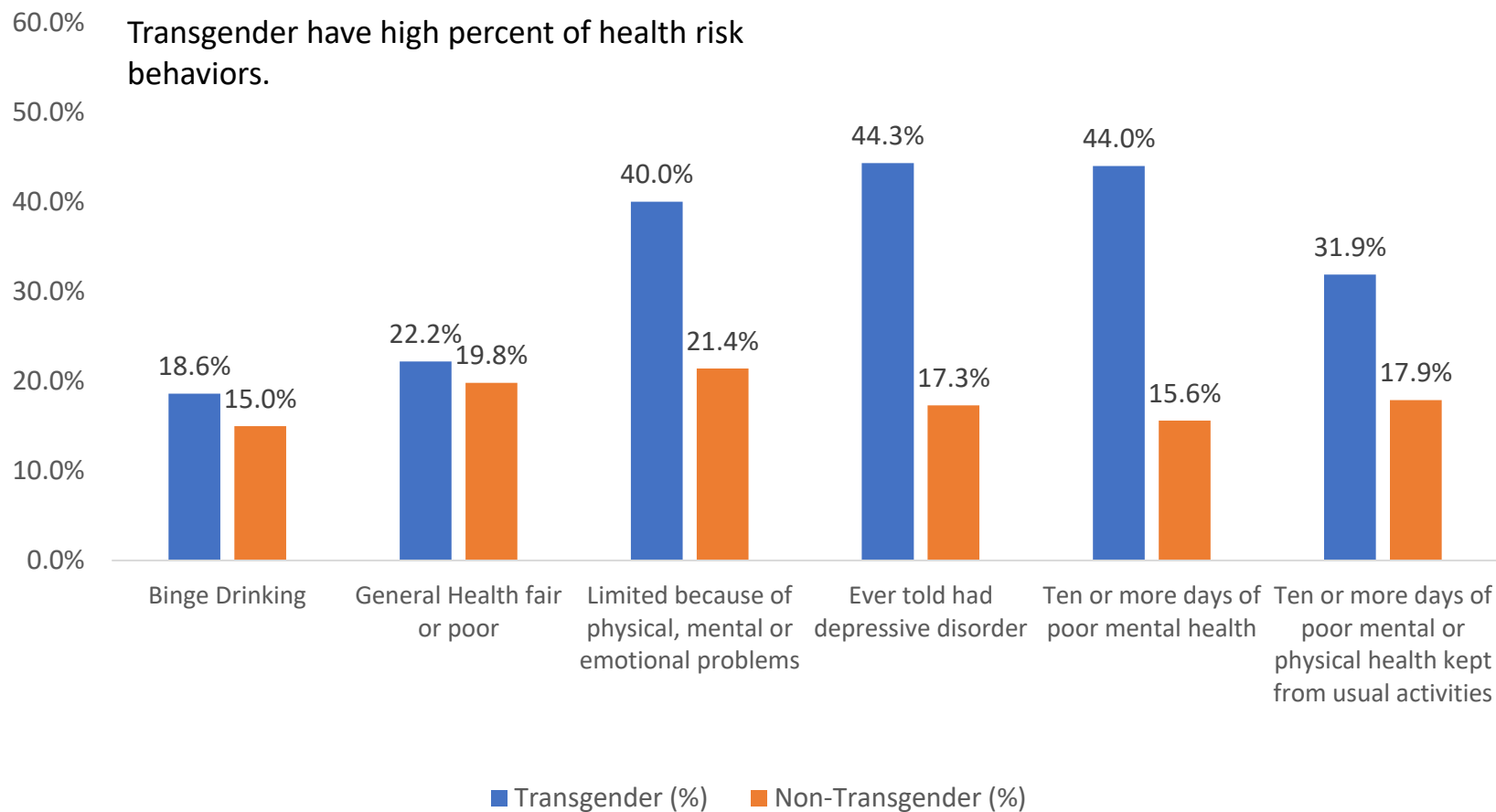
## Prevalence Estimates of Health Risk Behaviors, by LGB, BRFSS, 2016



Source: Behavioral Risk Factor Surveillance System (BRFSS).

Chart scaled to 60% to display differences among groups.

## Prevalence Estimates of Health Risk Behaviors, by Transgender – Nevada Adults, 2016



Source: Behavioral Risk Factor Surveillance System (BRFSS).  
Chart scaled to 60% to display differences among groups.

# Contact Information

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